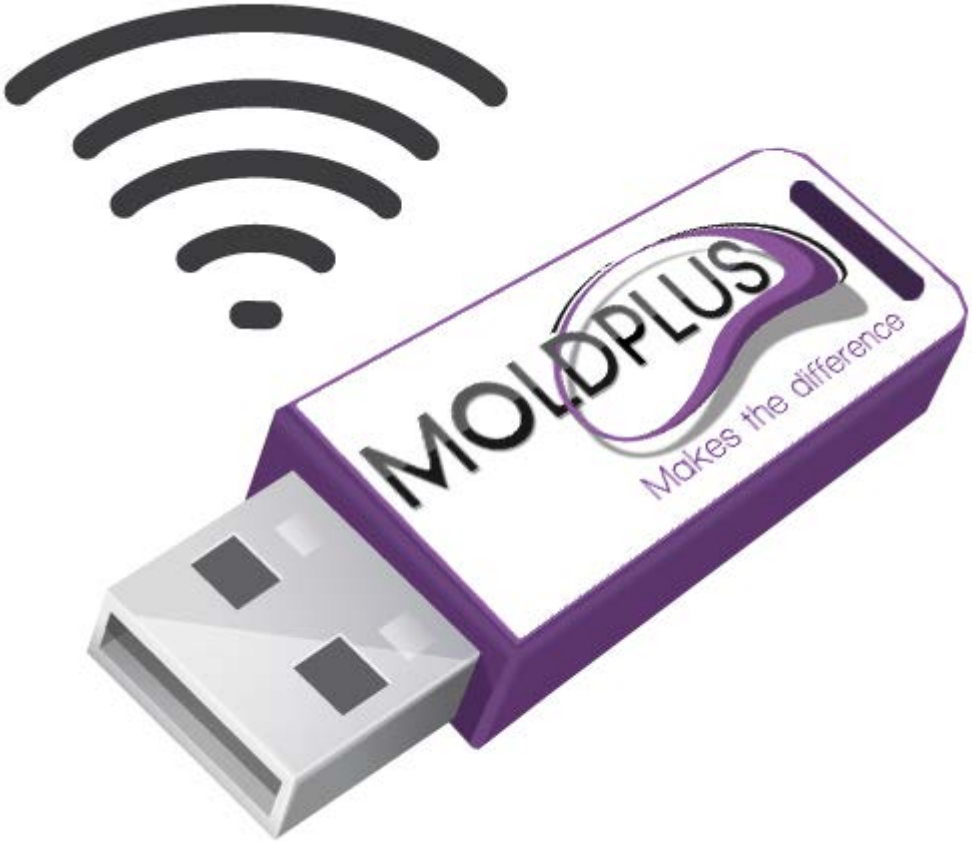
Moldplus Server V5.3



User Guide

Revision date: August 26, 2012

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Introduction

This document is designed to assist you in properly installing and configuring Moldplus Server Version 5.3 on your Mastercam Network system. You will find step-by-step instructions to guide you through the proper installation and configuration of Moldplus Server.

The installation program for Moldplus Server is designed to install the required files for Moldplus Server to function smoothly along with the Aladdin HASP License Manager for Mastercam. It performs several checks to ensure that the Mastercam NetHasp SIM is correctly installed and configured and that the Aladdin License Manager is properly installed on your system. It will warn the user if it finds that certain conditions are not met.

It is highly recommended that you **READ THIS DOCUMENT before** proceeding with the **installation**. If your answers are not found here, you can email us at support@moldplus.com with your questions.

Moldplus Server is designed to work along with the Aladdin HASP License Manager. The Moldplus Server executable enables users to use Moldplus in a network environment. The number of licenses you purchase for Moldplus products limit the number of licenses you can run at any given time. The license information is stored in an XML file that is provided by Moldplus SA.

The concept behind using Moldplus products in a network environment is to enable multiple users to use the relevant Moldplus product from different work-stations, using only one software protection module from a station that is called the Moldplus Server.

This installation should be performed on the system that has the HASP SIM physically installed and the same location where the HASP License Manager is installed.

Products supported by Moldplus Server V5.3

The following products are supported to run under the Moldplus Server Manager.
Note that these products can run under **Mastercam X6 and below up to Version 9.1**

Moldplus 10.5 MR3 with Maintenance*
Moldplus 10.5 MR3 Professional/Electrode with Maintenance*
Moldplus 5-Axis Design Toolkit 10.5 MR3 with Maintenance*
Moldplus 10.5 MR3 STL Utilities with Maintenance*
Moldplus 10.0 with Maintenance*
Moldplus 10.0 Professional/Electrode with Maintenance*
Moldplus CATIA V5 Read with Maintenance*
Moldplus CATIA V5 Solids with Maintenance*
Moldplus CATIA V5 FTA/GD&T with Maintenance*
Moldplus CATIA V5 CGR Reas with Maintenance*
Moldplus CATIA V4 Read with old codes and Maintenance*
Moldplus CATIA V4 Write with old codes and Maintenance*
Moldplus CATIA V4 Solids with old codes and Maintenance*
ProDrill 4.0 MR1 with Maintenance*
Moldplus 9.2 with Maintenance*
Moldplus 9.2 Professional/Electrode with Maintenance* (will need the Moldplus 9.2 code also to function)
ProDrill 3.0, 2.0 and 1.2
Moldplus 9.2.035
Moldplus 9.2.035 Electrode (will need the Moldplus 9.2 code also to function)

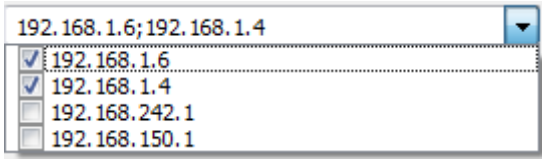
* - Moldplus Maintenance dates are independent of the Mastercam maintenance dates. The dates displayed in the Moldplus Server manager will indicate when the Moldplus maintenance will expire.

What's new in Version 5.3

Few key enhancements have been made to the Moldplus Server as well as the client versions.

Support for multiple IP addresses

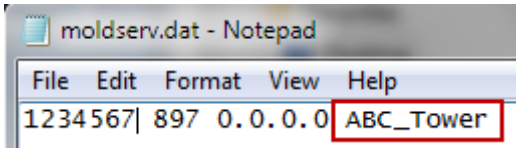
Support for using multiple IP addresses has been added. A client can now access the Moldplus Server from different locations and use different IP addresses to check out the licenses.



Support for Server name in addition to IP address

This change has been made from the client/product side. Moldplus products can now be configured using the Server name instead of the IP address alone. For Servers that have the IP address change frequently, the Server name can be used as the reference name and the IP address ignored.

In the example below, the IP address is set to 0 and the only reference is the Server name. This file is stored on the client system at c:\moldserv\moldserv.dat file.



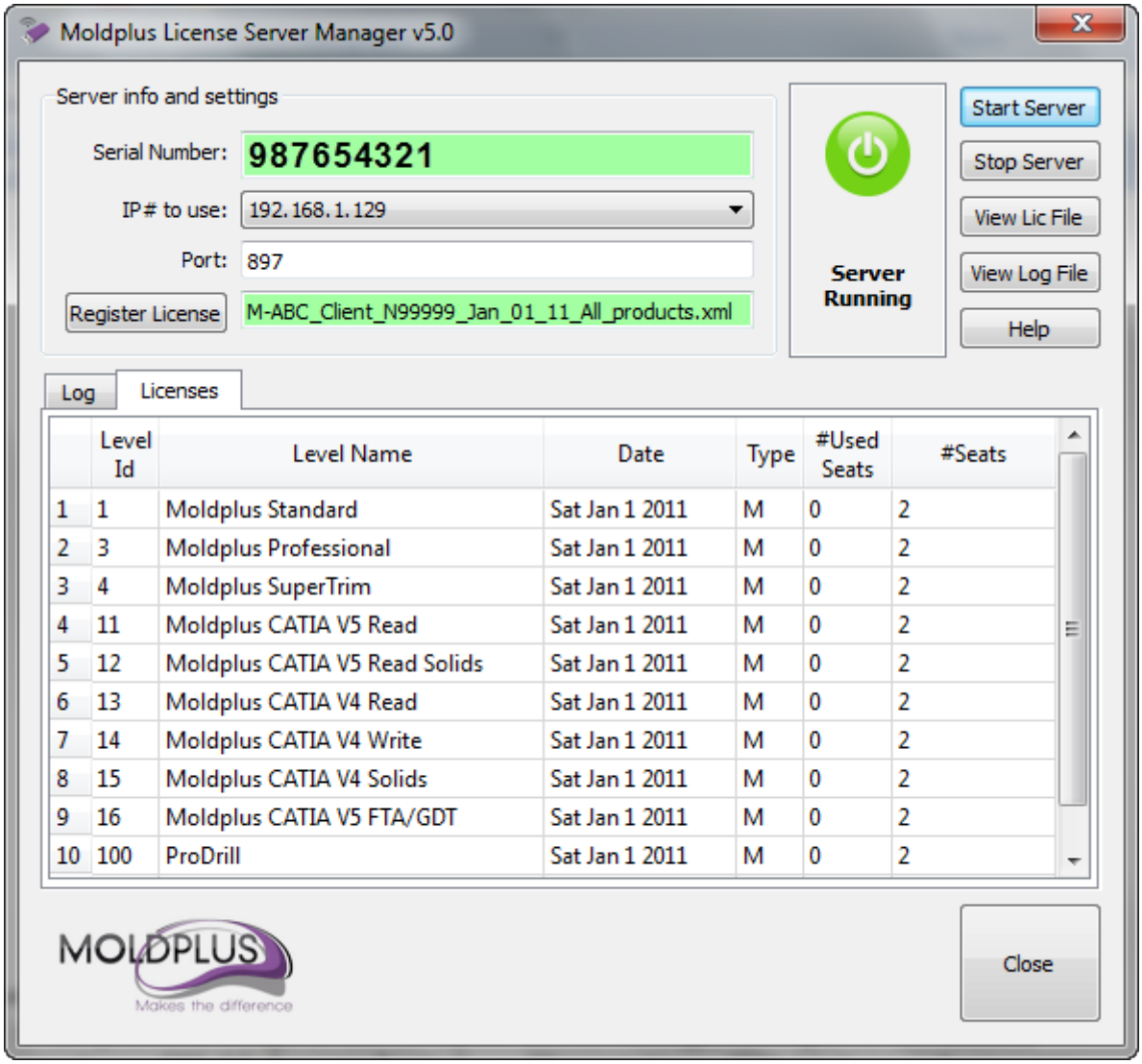
A bug in releasing the client license after exiting the product was also resolved in this vesion.

What's new in Version 5.2

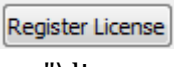
Functionality with Windows XP was resolved. A memory handles leak was fixed in this version. The handles would populate the physical memory usage and create a resource limitation.

What's new in Version 5.0

1. Complete interface has been re-written from the prior version 4.12.

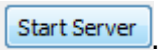

Moldplus License Server Manager v5.0
Server info and settings
Serial Number: 987654321
IP# to use: 192.168.1.129
Port: 897
Register License
M-ABC_Client_N99999_Jan_01_11_All_products.xml
Server Running
Start Server
Stop Server
View Lic File
View Log File
Help
Log
Licenses
Level Id | Level Name | Date | Type | #Used Seats | #Seats
1 | 1 | Moldplus Standard | Sat Jan 1 2011 | M | 0 | 2
2 | 3 | Moldplus Professional | Sat Jan 1 2011 | M | 0 | 2
3 | 4 | Moldplus SuperTrim | Sat Jan 1 2011 | M | 0 | 2
4 | 11 | Moldplus CATIA V5 Read | Sat Jan 1 2011 | M | 0 | 2
5 | 12 | Moldplus CATIA V5 Read Solids | Sat Jan 1 2011 | M | 0 | 2
6 | 13 | Moldplus CATIA V4 Read | Sat Jan 1 2011 | M | 0 | 2
7 | 14 | Moldplus CATIA V4 Write | Sat Jan 1 2011 | M | 0 | 2
8 | 15 | Moldplus CATIA V4 Solids | Sat Jan 1 2011 | M | 0 | 2
9 | 16 | Moldplus CATIA V5 FTA/GDT | Sat Jan 1 2011 | M | 0 | 2
10 | 100 | ProDrill | Sat Jan 1 2011 | M | 0 | 2
MOLDPLUS
Makes the difference
Close

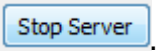
The above image displays the new Moldplus Server Manager interface. The display has been simplified to be easy and straightforward to use and configure. There are only 2 tabs - the event log and the licenses display. Visual icons display if the server is active or not running.

2. The **license registration** is done **through** the 

button only. If an old license is found, it is automatically backed up to a "\licensesBackup" folder. The XML license file, log file and moldserv.ini file are stored to the \Public Documents\Moldplus\Moldserv\ folder.

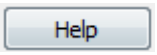
3. The Server Manager checks for administrator rights before launching. If the user is not an administrator, a warning is presented and the server is not launched.

4. Service is installed only when you click on 

. There is no need to configure the Service with specific user names and passwords anymore for different operating systems. The Service is also uninstalled when you click on 

. As default, Moldplus Server is always run as a Windows Service.

5. If the Mastercam registry key does not exist for the SIM setting, the Server automatically forces the SIM setting to NetHasp and Local upon launching. If the SIM is not a HASP SIM, the user is warned. Also if the SIM is unplugged, the Server is automatically stopped till the SIM is plugged in again.

6. This document (PDF Help) file can be viewed by clicking on the 

button.

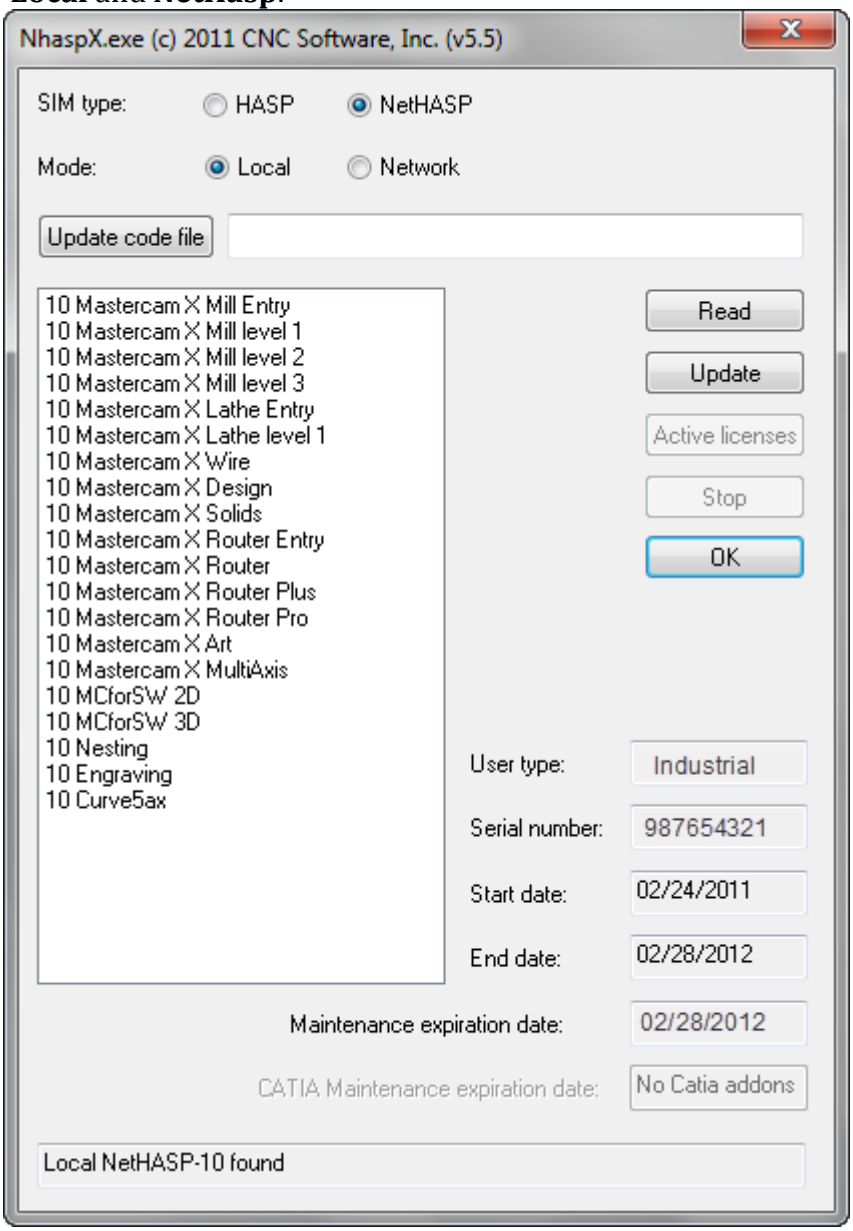
7. A new License Server diagnostics tool has been included. This utility will help test the license functionality. The utility can also be placed on client systems to test the license server access.

8. A new LOG file is created that keeps track of the Server use. This file is stored in the same directory as the XML license and the INI file. The INI file keeps track of the Server IP and port, the XML license file used and the DLL used to access the SIM.

9. Most new Windows Operating systems are supported including the latest Server versions and service packs.

Customer Requirements:

1. Mastercam NetHasp SIM must be connected to the system that has the Aladdin Hasp Licenses Manager installed. The Mastercam **NetHasp SIM** setting needs to be set to **Local** and **NetHasp**.



2. If you haven't installed the Aladdin Hasp License Manager software, please **perform the installation**. (Installation software LMSETUP.EXE also provided with the Moldplus Server 5.3 installation from the *Program Files**Aladdin**HASP LM**Additional Files*\ folder). To verify that the Nethasp License Manager is installed and running on your system, you will notice an icon on the bottom right for NetHasp License Manager 8.32

3. You have downloaded the latest installation version of Moldplus Server 5.3.

4. Ensure that the latest **HASP driver is installed** on the Server system. This is automatically done when the Hasp License Manager is installed OR if the Mastercam software installation is performed.

5. Please make sure you are logged on as Administrator or with administrative privileges, before performing the installation.

6. The Hasp License Manager should be installed as a Windows Service. You will be prompted by the Hasp License Manager installation if you wish to install as a Service or Application. Choose to install as a Service.

7. The maximum number of simultaneous users allowed with Moldplus License Manager is limited to 100.

8. If any Windows Firewall or other System Security applications are active, you will need to ensure that the installed applications are included in the Exceptions List to give access to the Network. Ensure that the **NHSRVICE.EXE, MoldservManager.exe, MoldservService.exe** and **MoldservDiagTool.exe** are added in the **Windows Firewall Exceptions** list after product installation.

9. Ensure that the **Windows DEP (DataExecutionSettings)** option is **set to** function for "**Essential Windows programs only**".

10. During the installation process, the installation will check to see if Visual Studio 2008 SP1 Redistributable package is installed. If it is not installed, it will launch the dialog to install this package. This installation is included in the Moldplus Server install.

11. Moldplus Server will NOT FUNCTION WITH a regular HASP SIM!

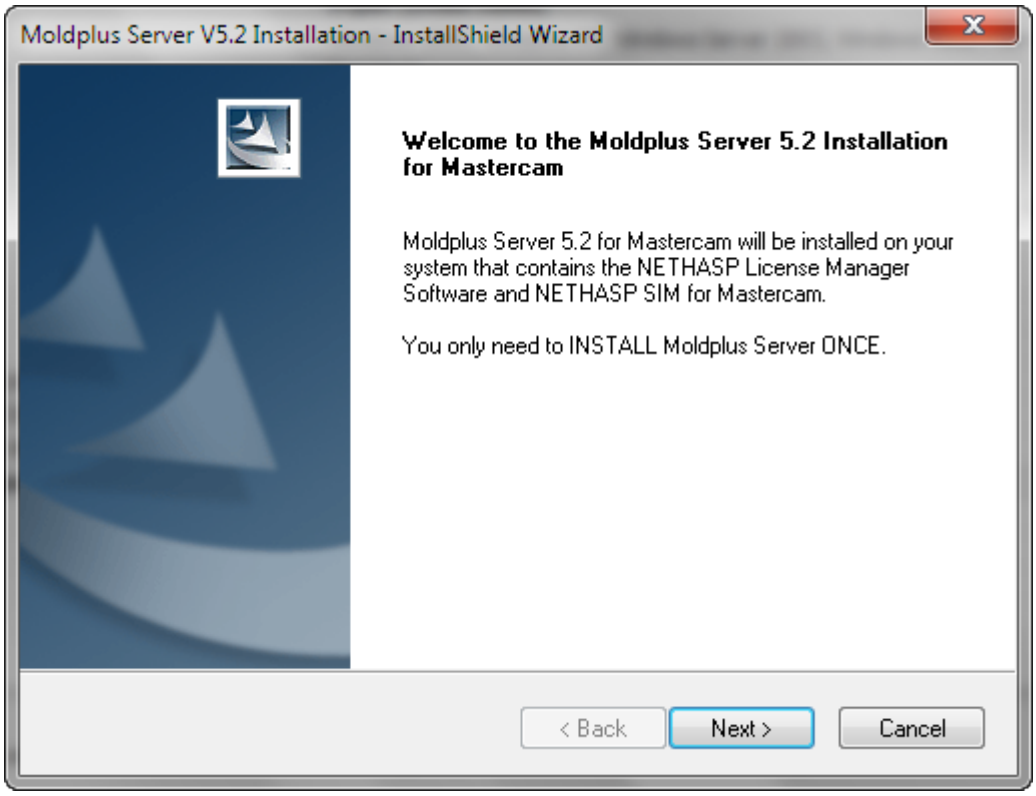
12. Have the Moldplus products XML license file available to configure upon completion of Moldplus Server installation. Your reseller should have provided you the XML license file that is related to your NETHASP SIM.

13. If all the above precautions have been taken, the installation process and configuration should be smooth.

14. When attempting to **set up the server** using a **remote connection** not being physically present at the Server station) – you will need to use a **REMOTE CONSOLE** connection and NOT a remote desktop connection! **Unless your remote connection can simulate a local presence at the computer (such as ILo Remote connect software from HP), you will not be able to successfully setup Moldplus Server. The quickest indication that the install will not work is when the Mastercam NetHasp SIM ONLY is identified as a Nethasp, Network SIM ONLY.**

Installation Process

The Moldplus Server installation runs as follows (version reference is V5.2 for the images even though actual release is V5.3):

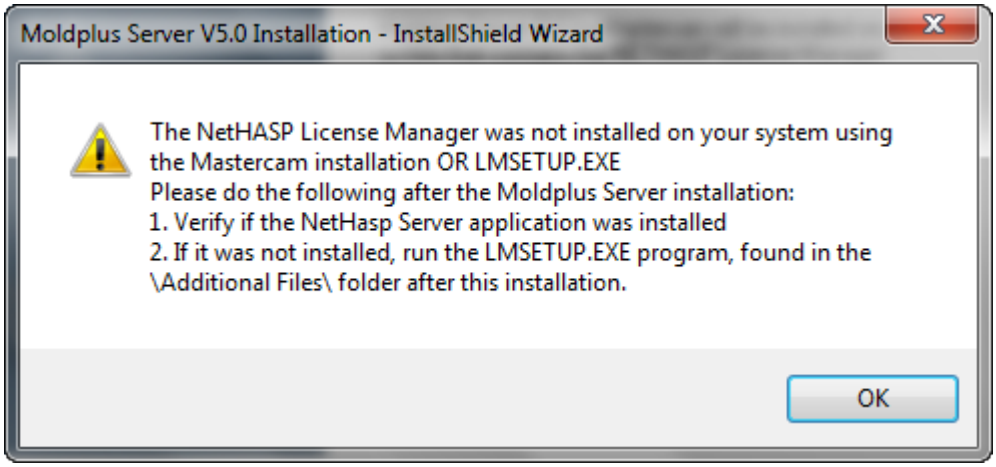

Moldplus Server V5.2 Installation - InstallShield Wizard
Welcome to the Moldplus Server 5.2 Installation for Mastercam
Moldplus Server 5.2 for Mastercam will be installed on your system that contains the NETHASP License Manager Software and NETHASP SIM for Mastercam.
You only need to INSTALL Moldplus Server ONCE.
< Back
Next >
Cancel

1. Launches the installation and presents the welcome screen as shown above.

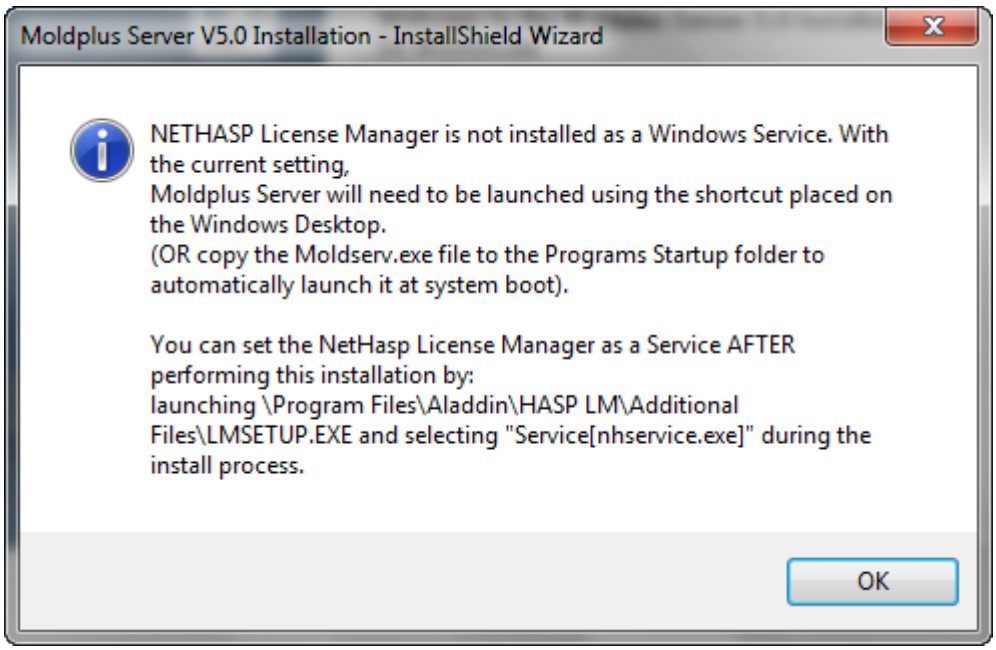
2. Performs a check to see if the system is Windows XP, Vista, , 2003 or 2008 Server. If it is one of these operating systems, issues a warning to have administrator privileges before proceeding.

   The install also checks to see if you have administrative rights. If you do not, the installation aborts!

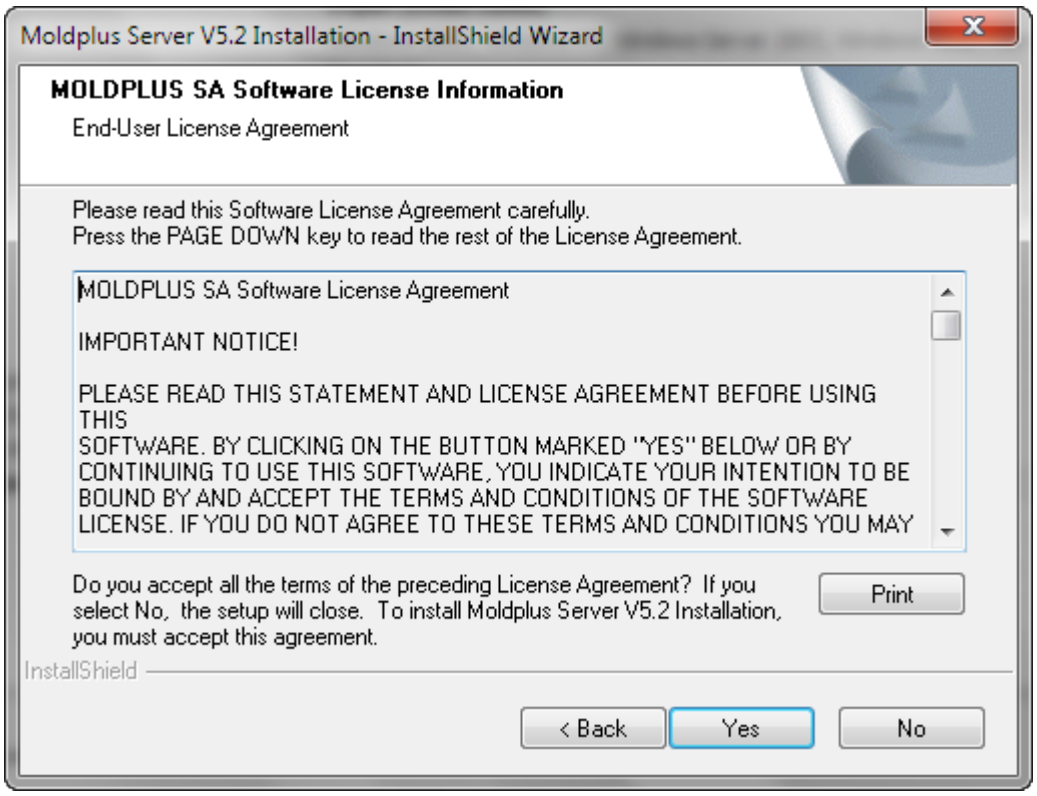
3. The installation checks to see if the Aladdin Hasp License Manager is installed on the system (checks to see the \Program Files\Aladdin\HASL LM\ folder exists). If the information doesn't exist, it warns the User with the following message and continues with the installation.


Moldplus Server V5.0 Installation - InstallShield Wizard
The NetHASP License Manager was not installed on your system using the Mastercam installation OR LMSETUP.EXE
Please do the following after the Moldplus Server installation:
1. Verify if the NetHasp Server application was installed
2. If it was not installed, run the LMSETUP.EXE program, found in the \Additional Files\ folder after this installation.
OK

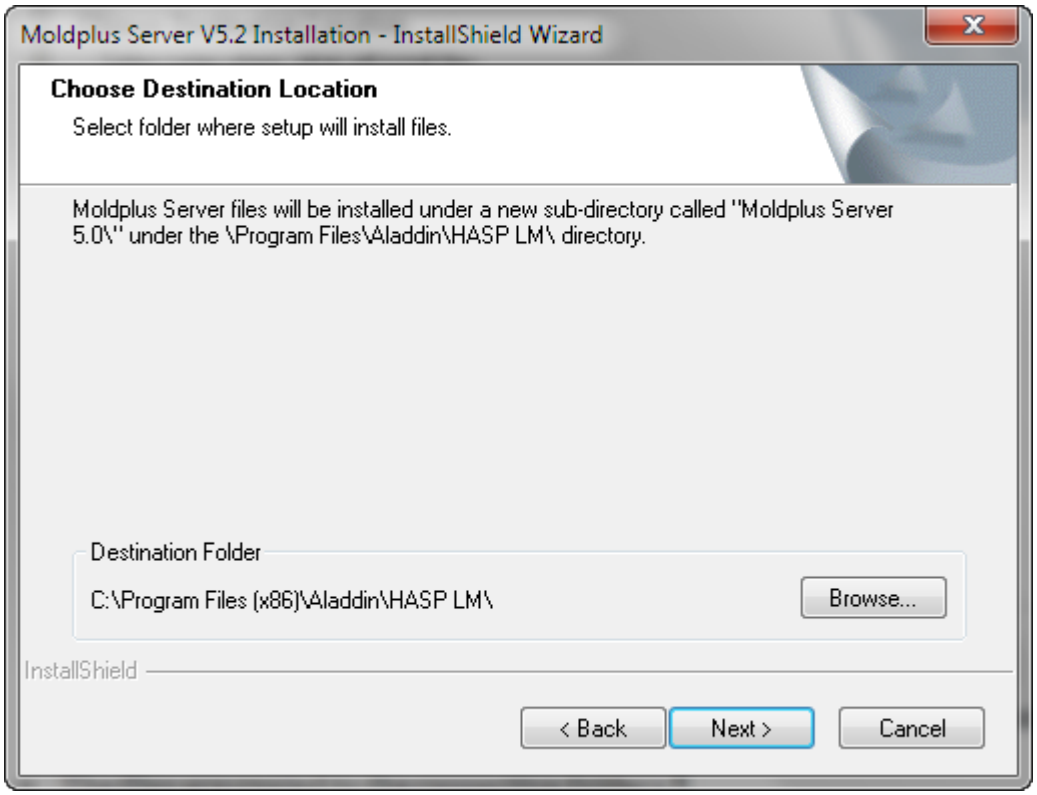
4. Next, if the HASP License Manager is installed the installation checks to see if the Hasp License Manager is installed as a Windows Service on the system (checks the Windows Registry to see if it exists in the Windows Services). If the information doesn't exist in the Windows registry, it displays the following message to the user and continues.


Moldplus Server V5.0 Installation - InstallShield Wizard
NETHASP License Manager is not installed as a Windows Service. With the current setting,
Moldplus Server will need to be launched using the shortcut placed on the Windows Desktop.
(OR copy the Moldserv.exe file to the Programs Startup folder to automatically launch it at system boot).
You can set the NetHasp License Manager as a Service AFTER performing this installation by:
launching \Program Files\Aladdin\HASP LM\Additional Files\LMSETUP.EXE and selecting "Service[nhservice.exe]" during the install process.
OK

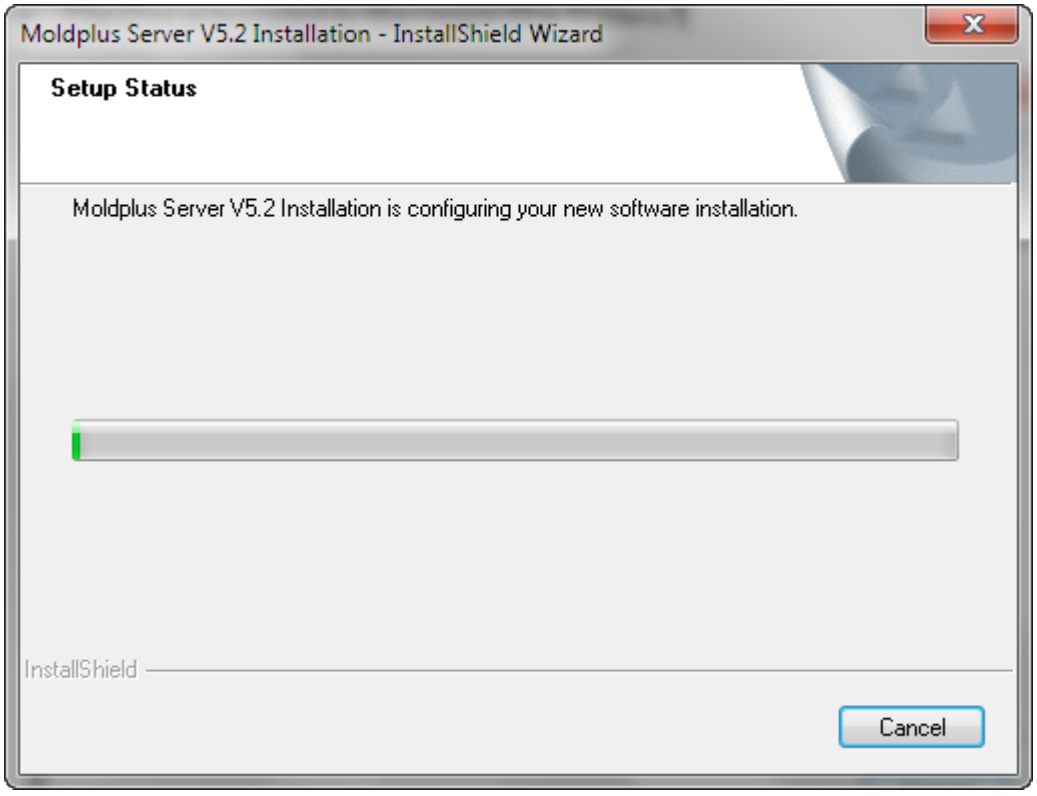
5. Displays the Moldplus License Agreement. Click on **Yes**, after reading the License agreement to continue.


Moldplus Server V5.2 Installation - InstallShield Wizard
MOLDPLUS SA Software License Information
End-User License Agreement
Please read this Software License Agreement carefully.
Press the PAGE DOWN key to read the rest of the License Agreement.
MOLDPLUS SA Software License Agreement
IMPORTANT NOTICE!
PLEASE READ THIS STATEMENT AND LICENSE AGREEMENT BEFORE USING THIS
SOFTWARE. BY CLICKING ON THE BUTTON MARKED "YES" BELOW OR BY
CONTINUING TO USE THIS SOFTWARE, YOU INDICATE YOUR INTENTION TO BE
BOUND BY AND ACCEPT THE TERMS AND CONDITIONS OF THE SOFTWARE
LICENSE. IF YOU DO NOT AGREE TO THESE TERMS AND CONDITIONS YOU MAY
Do you accept all the terms of the preceding License Agreement? If you select No, the setup will close. To install Moldplus Server V5.2 Installation, you must accept this agreement.
Print
InstallShield
< Back
Yes
No

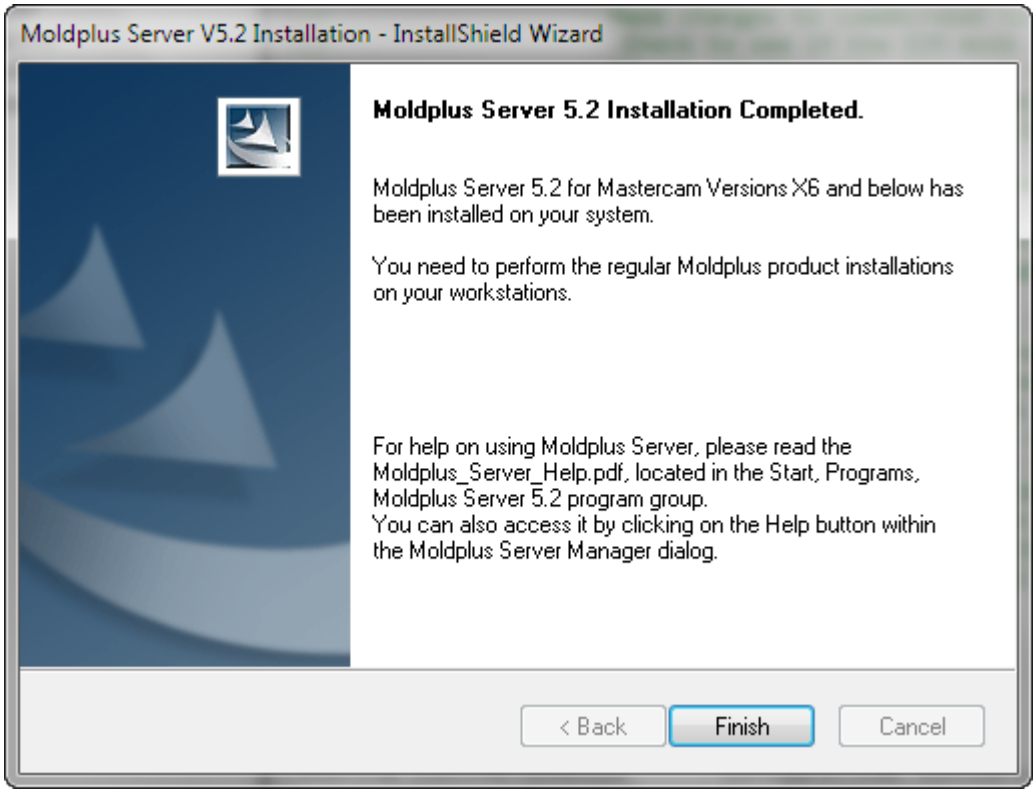
6. If the Hasp License Manager installation was found, the directory automatically defaults to **\Program Files\Aladdin\HASP LM** folder. A new sub-folder **\Moldplus Server 5.0** will be created under the \HASP LM\ folder to install the Moldplus Server program files. Another folder called **\Additional Files** will also be created under the \HASP LM\ folder to install other relevant files. The following dialog will be presented at this stage.


Moldplus Server V5.2 Installation - InstallShield Wizard
Choose Destination Location
Select folder where setup will install files.
Moldplus Server files will be installed under a new sub-directory called "Moldplus Server 5.0\" under the \Program Files\Aladdin\HASP LM\ directory.
Destination Folder
C:\Program Files (x86)\Aladdin\HASP LM\
Browse...
InstallShield
< Back
Next >
Cancel

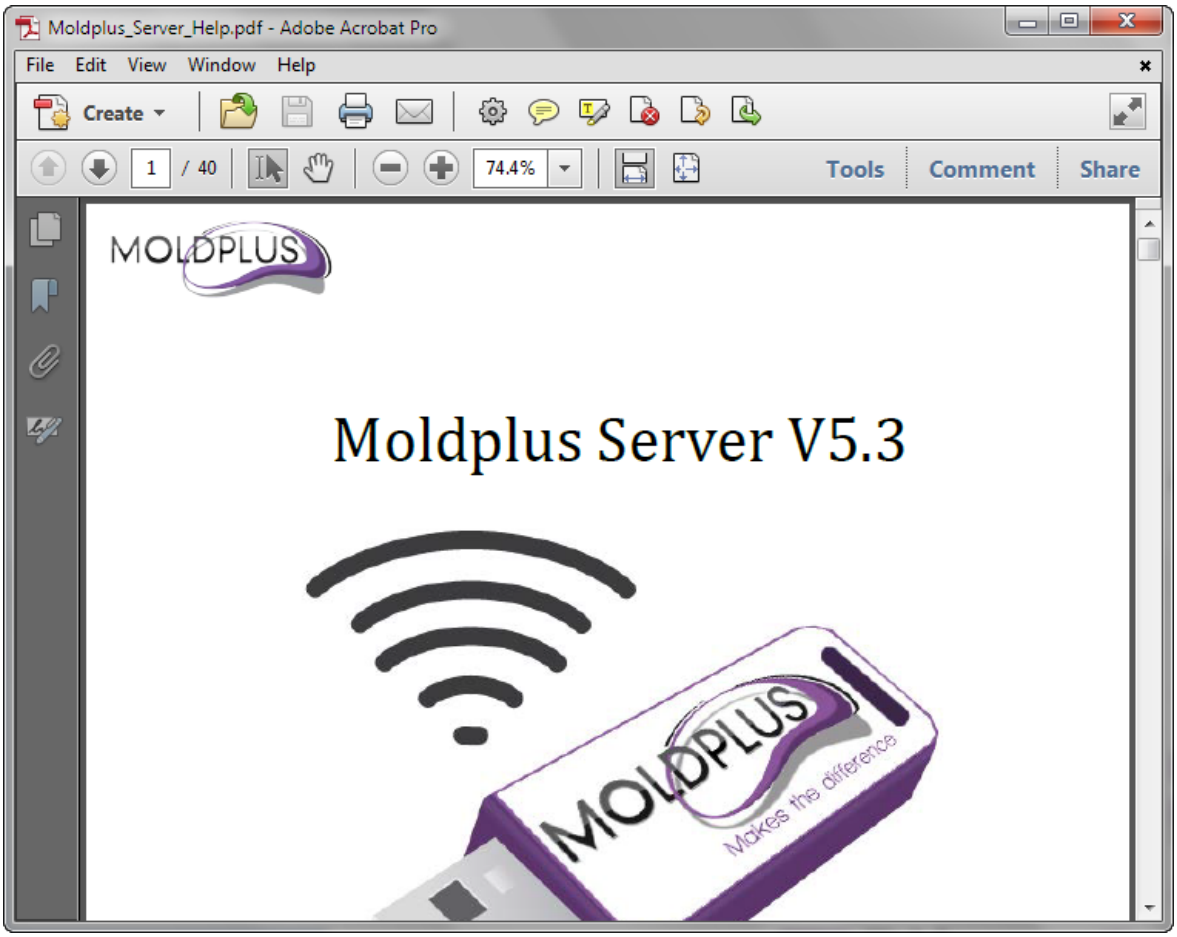
7. The files are copied to the respective folders.


Moldplus Server V5.2 Installation - InstallShield Wizard
Setup Status
Moldplus Server V5.2 Installation is configuring your new software installation.
InstallShield
Cancel

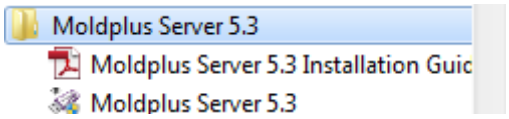
Once the files are copied successfully, you will get an install complete successfully message.


Moldplus Server V5.2 Installation - InstallShield Wizard
Moldplus Server 5.2 Installation Completed.
Moldplus Server 5.2 for Mastercam Versions X6 and below has been installed on your system.
You need to perform the regular Moldplus product installations on your workstations.
For help on using Moldplus Server, please read the Moldplus_Server_Help.pdf, located in the Start, Programs, Moldplus Server 5.2 program group.
You can also access it by clicking on the Help button within the Moldplus Server Manager dialog.
< Back
Finish
Cancel

Once this screen is displayed, this document in PDF format will be automatically launched and presented to the user.

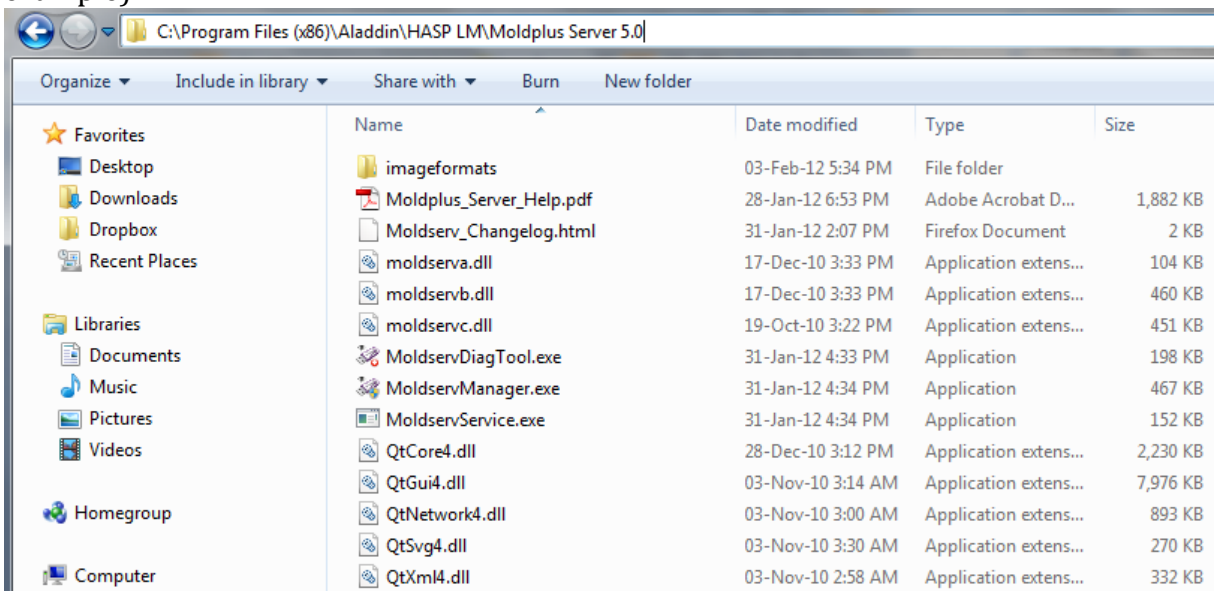


8. The install will:
(1) **create** a **Program Files group with the Moldplus Server PDF document** and a **shortcut to launch** the Moldplus Server 5.3 and
(2) **place a Shortcut icon to launch the Moldplus Server 5.3 on your Desktop**.

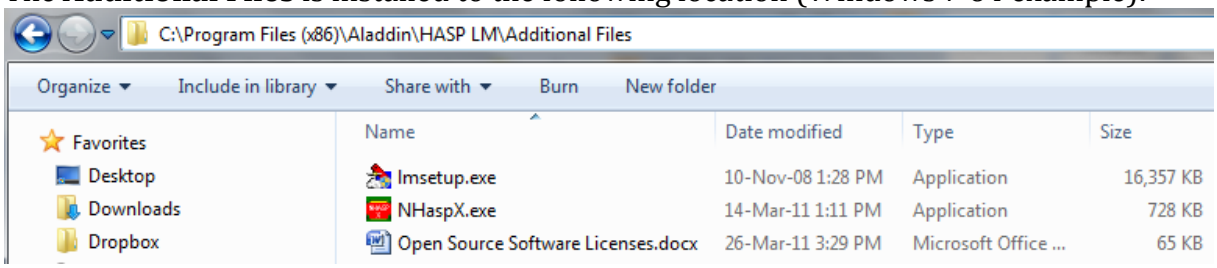


Folder Locations

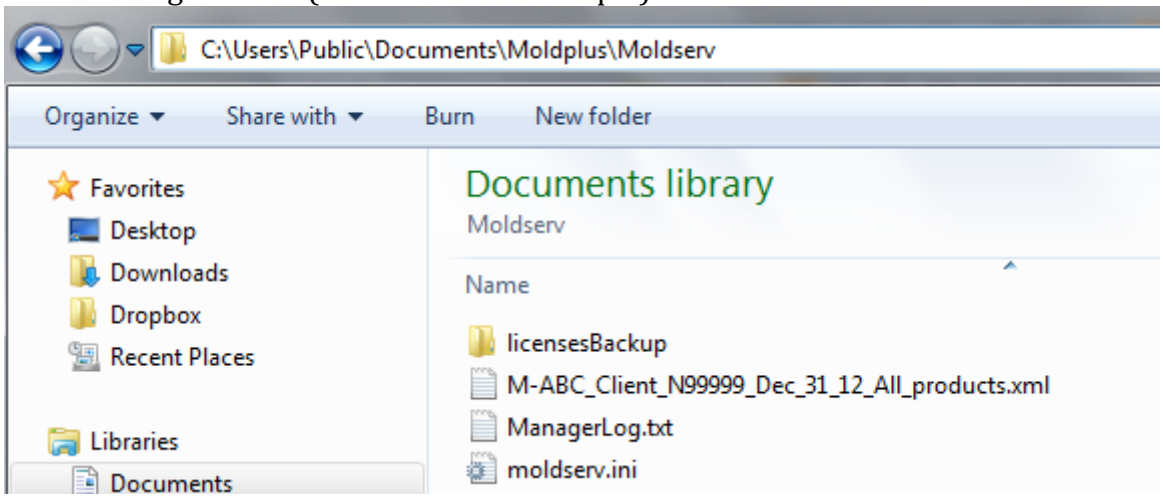
The **Moldplus Server product** is installed to the following location (Windows 7 64 example):



The **Additional Files** is installed to the following location (Windows 7 64 example):



After launching the Moldplus Server and registering the license, the files are stored to the following location (Windows 7 64 example):



After installation

Once the installation is completed successfully, you can perform the following operations to ensure that Moldplus Server 5.3 is up and running.

Windows 2003 Server Rx and Server 2008 Rx Configuration

Ensure the following:

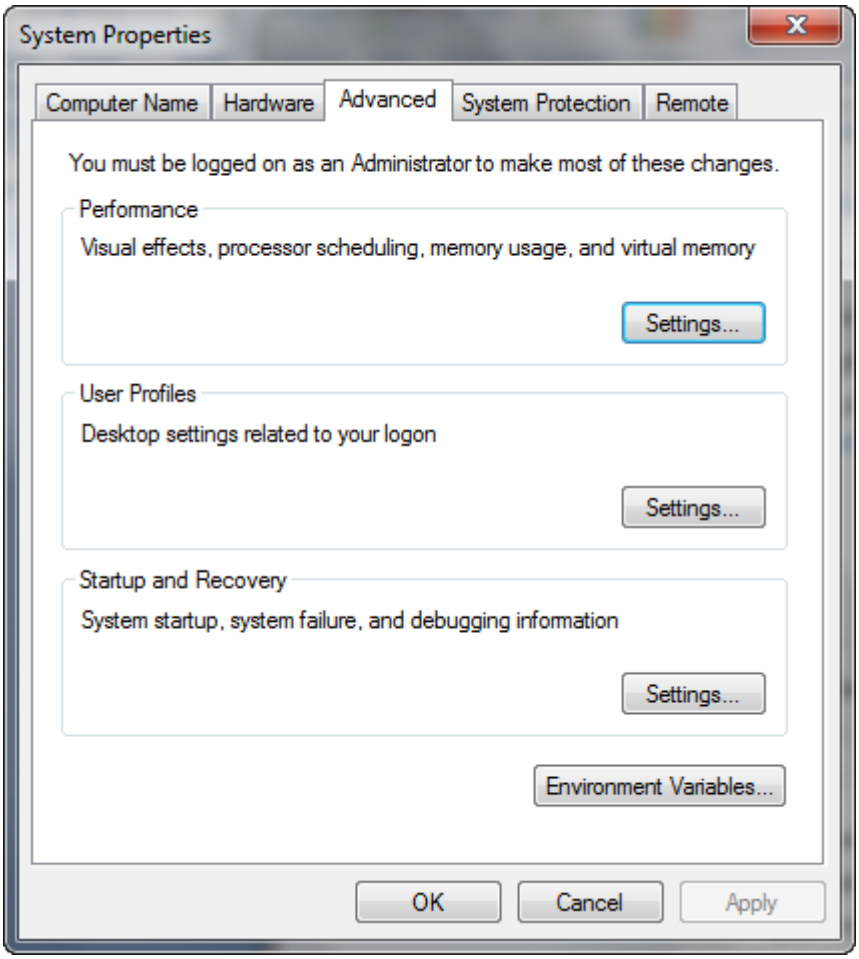
1 **Installation is done from the local system itself** - by someone physical present at the Server! If not, by using a software that simulates physical presence at the server (such as the HP Ilo Remote Connect software).

2. If the Server still fails to launch after installing the above solution, **update the Server to the latest Windows files** (by running the Windows Update software while connected to the Internet). Install the latest .NET updates also.

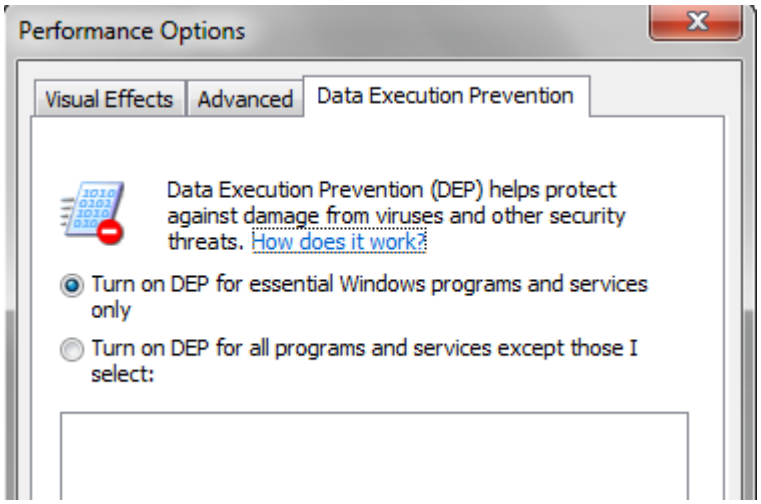
3. **Ensure that DEP settings are set as follows**:
The DEP (Data Execution Prevention) application could affect the launch of the executable or as a Service. In this case, set it to only run for essential windows programs.

This can be accessed from **Control Panel**, **System**, **Advanced** tab and clicking on the **Performance Settings** button.

The following Window is an image capture from a Windows 7.0 64 bit system.



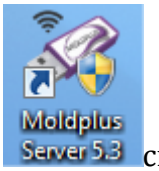
Click on the DEP tab and ensure that the setting is in this manner:


Performance Options
Visual Effects
Advanced
Data Execution Prevention
Data Execution Prevention (DEP) helps protect against damage from viruses and other security threats. How does it work?
Turn on DEP for essential Windows programs and services only
Turn on DEP for all programs and services except those I select:

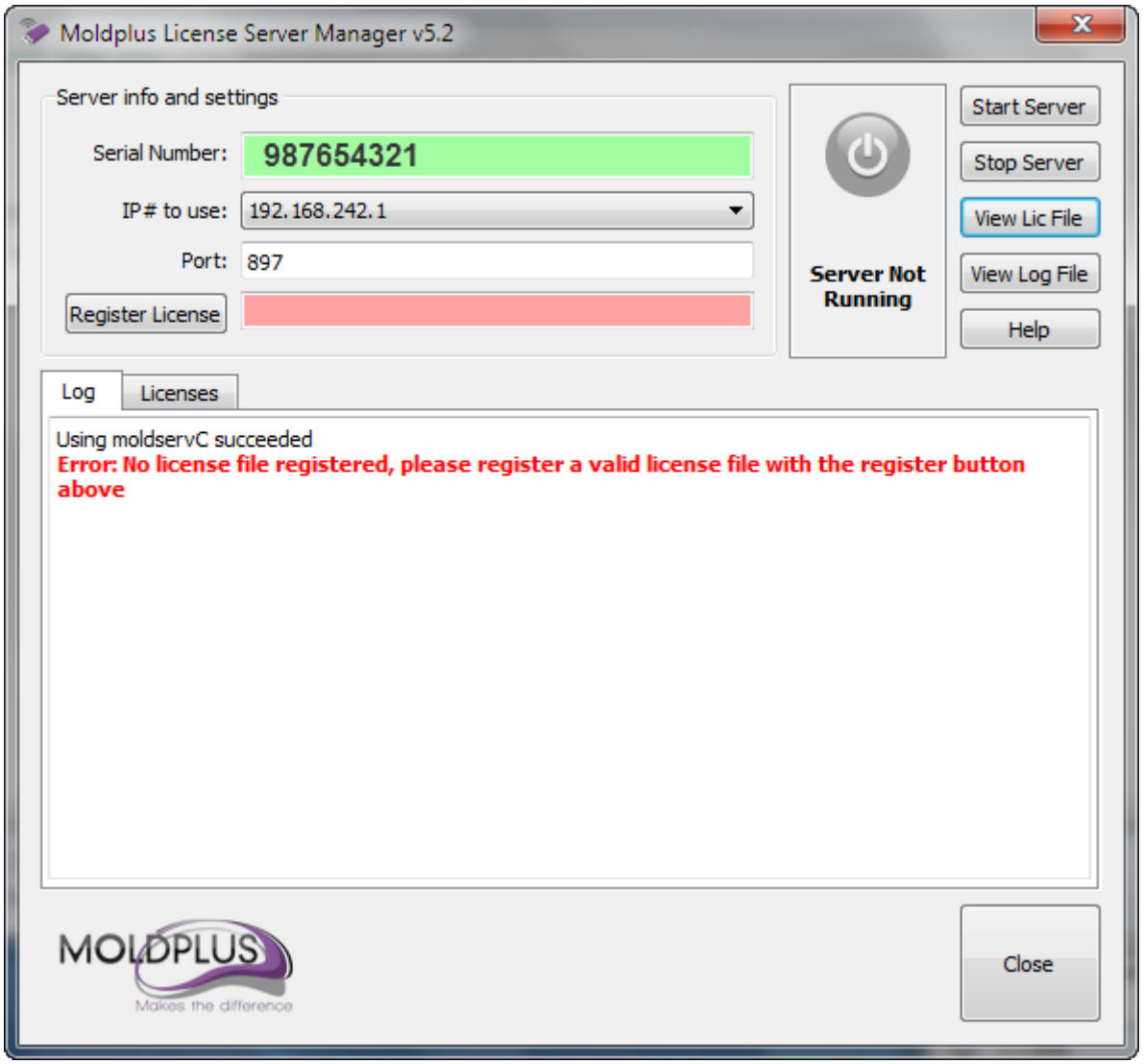
Warning: Any changes made to the DEP settings, requires a system reboot. Please warn your users before performing a system reboot!

You can continue with the following steps when the Moldplus Server successfully launches after these steps.

Moldplus Server Configuration

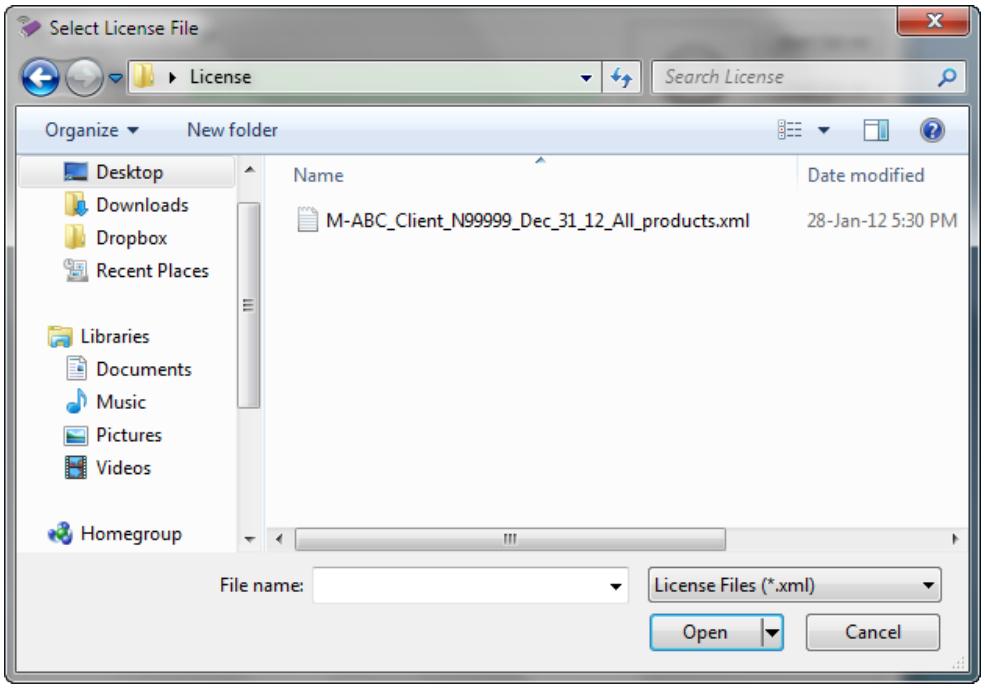
1. Launch the Moldplus Server 5.3 Manager from the icon 

created on your desktop. The following dialog is presented. Your NetHasp SIM number will be displayed in the "Serial number" field. The example SIM number used here is 987654321. (If a **warning is presented**, then you will need to take the necessary measures to check and ensure that the SIM is properly identified).

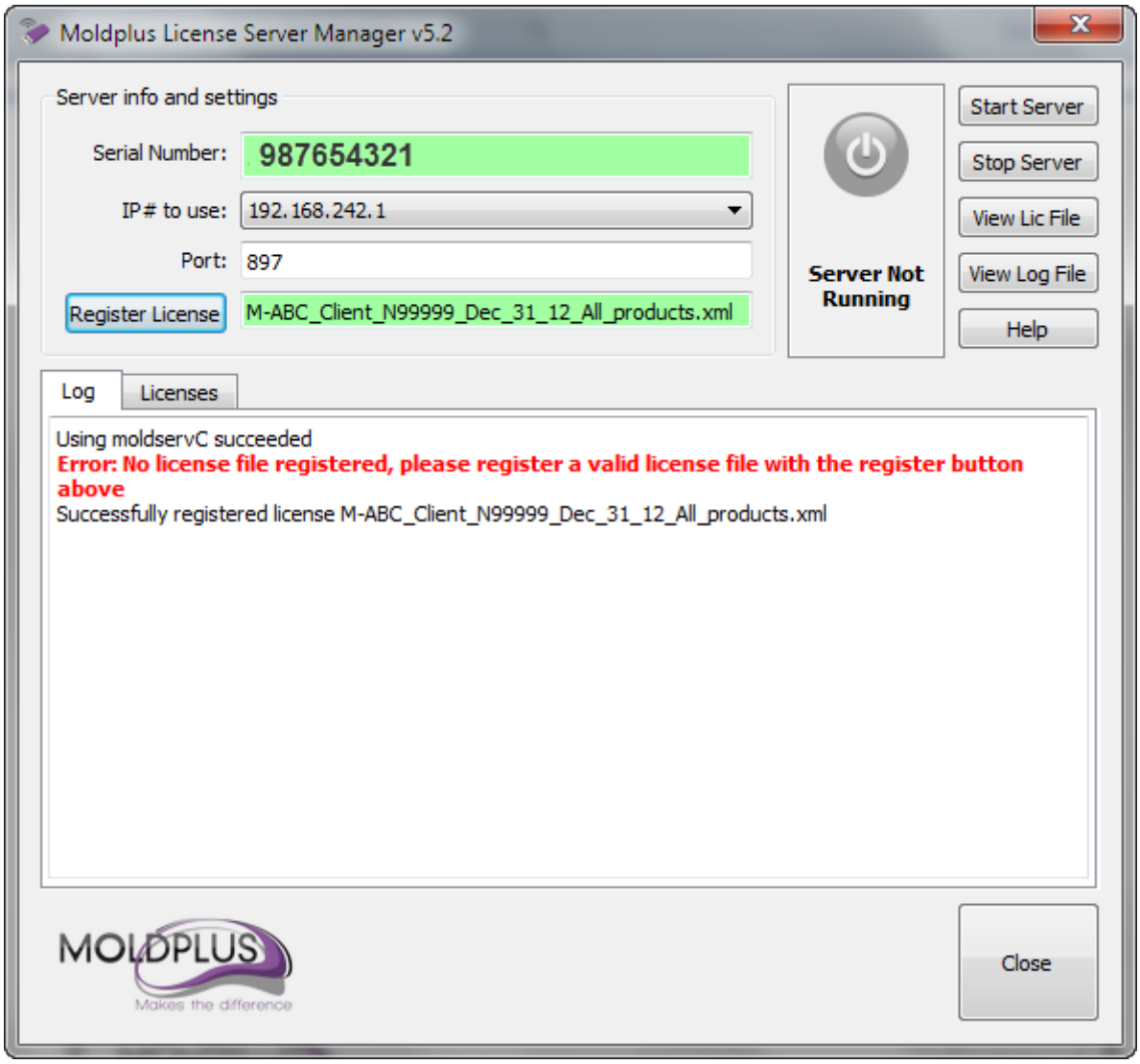


XML License Registration Process:

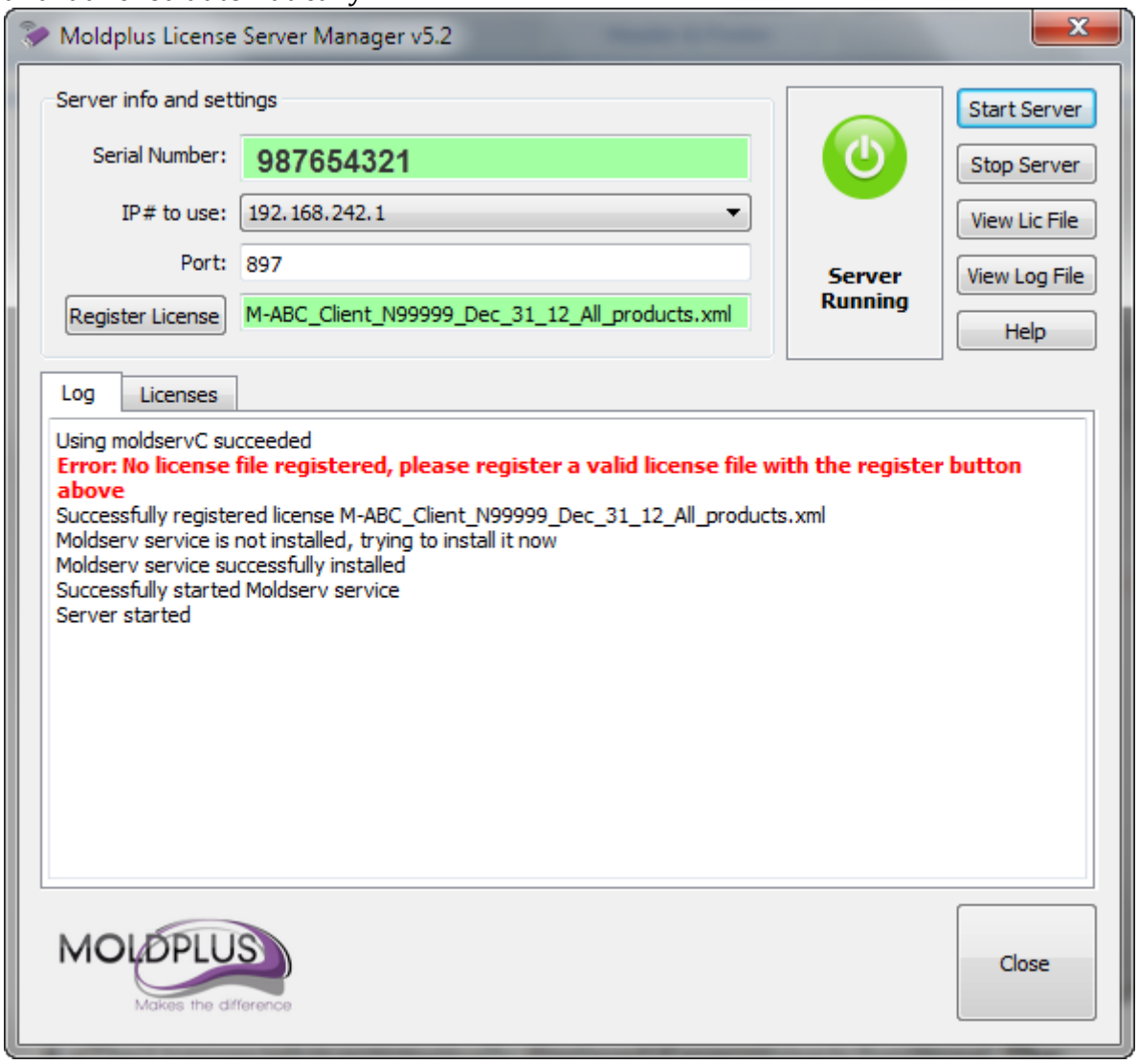
2. To register the provided XML license file, ***click*** on the Register License button to select the license file from the location it is stored at.



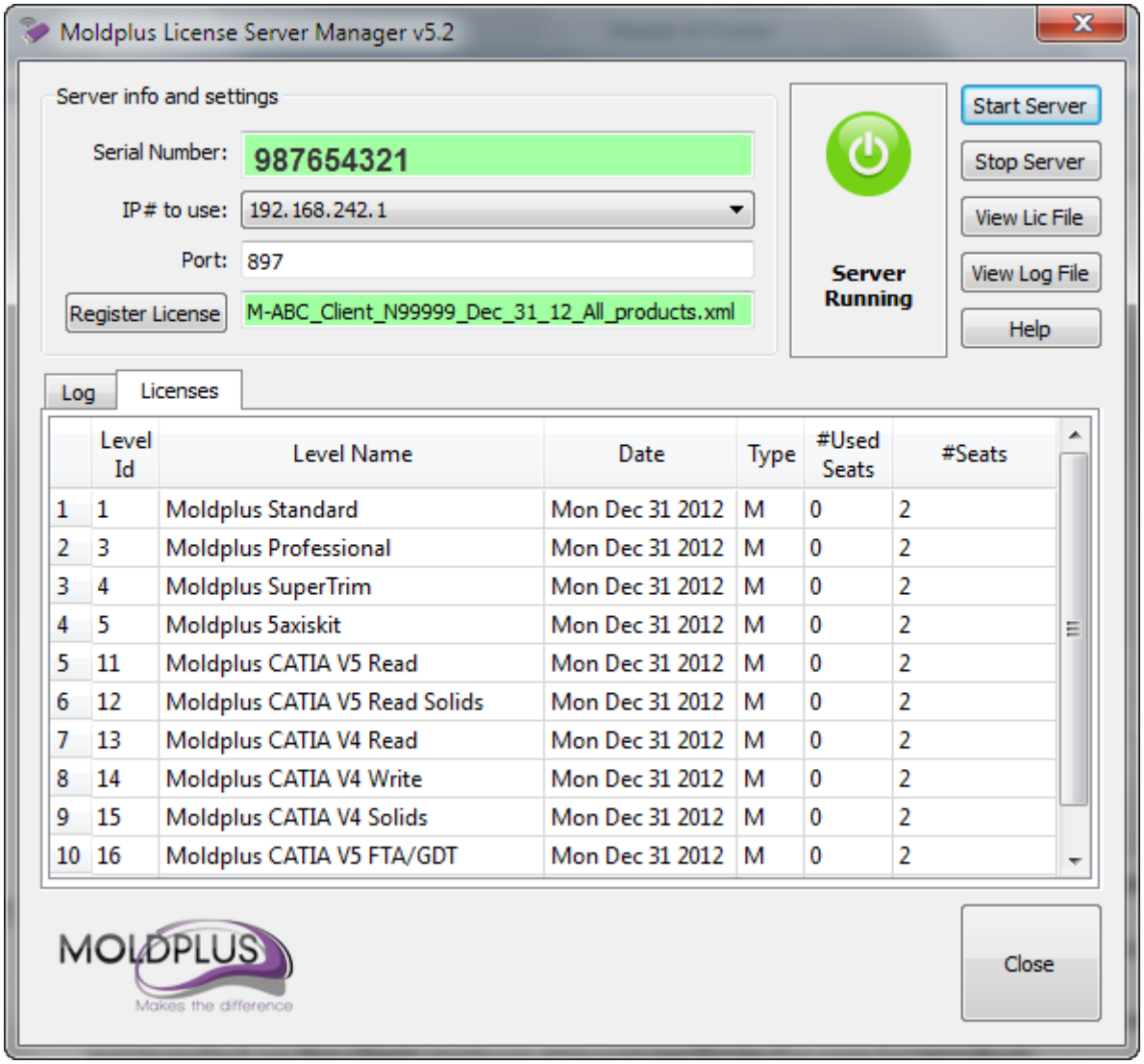
The result of doing this with the sample code will be as follows:


Moldplus License Server Manager v5.2
Server info and settings
Serial Number:
987654321
IP# to use:
192.168.242.1
Port:
897
Register License
M-ABC_Client_N99999_Dec_31_12_All_products.xml
Server Not Running
Start Server
Stop Server
View Lic File
View Log File
Help
Log
Licenses
Using moldservC succeeded
Error: No license file registered, please register a valid license file with the register button above
Successfully registered license M-ABC_Client_N99999_Dec_31_12_All_products.xml
MOLDPLUS
Makes the difference
Close

3. Click on Start Server to activate the licenses. The software is installed as a Service and launched automatically.

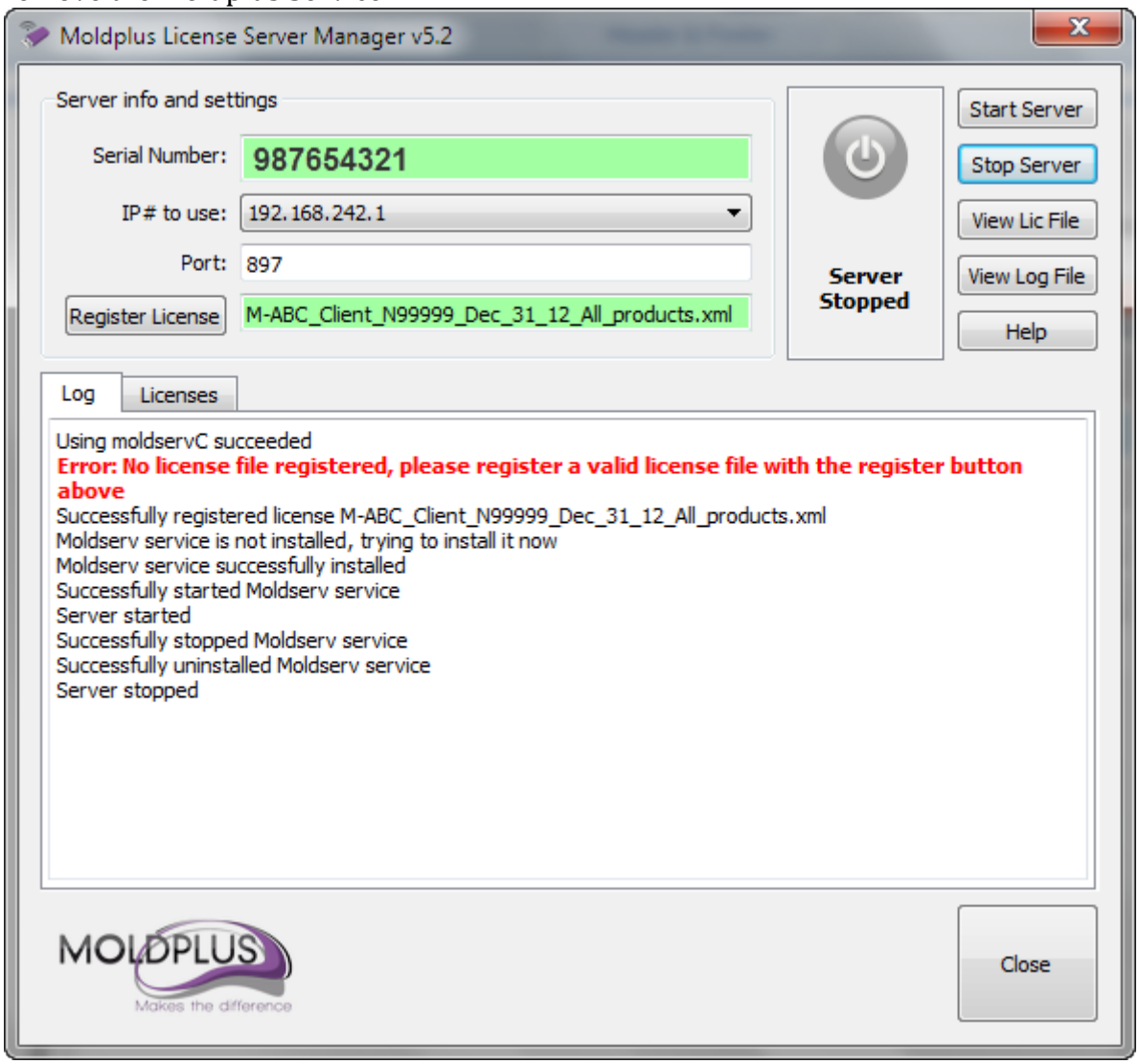


4. The Licenses tab is automatically displayed if everything is functional. **The licenses displayed will depend on what products you purchased from Moldplus SA!** In this sample case, 2 licenses of all our products are displayed.


Moldplus License Server Manager v5.2
Server info and settings
Serial Number: 987654321
IP# to use: 192.168.242.1
Port: 897
Register License
M-ABC_Client_N99999_Dec_31_12_All_products.xml
Server Running
Start Server
Stop Server
View Lic File
View Log File
Help
Log
Licenses
Level Id | Level Name | Date | Type | #Used Seats | #Seats
1 | 1 | Moldplus Standard | Mon Dec 31 2012 | M | 0 | 2
2 | 3 | Moldplus Professional | Mon Dec 31 2012 | M | 0 | 2
3 | 4 | Moldplus SuperTrim | Mon Dec 31 2012 | M | 0 | 2
4 | 5 | Moldplus 5axiskit | Mon Dec 31 2012 | M | 0 | 2
5 | 11 | Moldplus CATIA V5 Read | Mon Dec 31 2012 | M | 0 | 2
6 | 12 | Moldplus CATIA V5 Read Solids | Mon Dec 31 2012 | M | 0 | 2
7 | 13 | Moldplus CATIA V4 Read | Mon Dec 31 2012 | M | 0 | 2
8 | 14 | Moldplus CATIA V4 Write | Mon Dec 31 2012 | M | 0 | 2
9 | 15 | Moldplus CATIA V4 Solids | Mon Dec 31 2012 | M | 0 | 2
10 | 16 | Moldplus CATIA V5 FTA/GDT | Mon Dec 31 2012 | M | 0 | 2
MOLDPLUS
Makes the difference
Close

5. ONCE MOLDPLUS SERVER IS RUNNING and the licenses are displayed as shown in the previous image in the Moldplus Server Manager dialog, you can **launch versions of Moldplus products** from Client stations. If Moldplus products were not installed on the client stations, you can perform the regular product installation on those systems before proceeding.

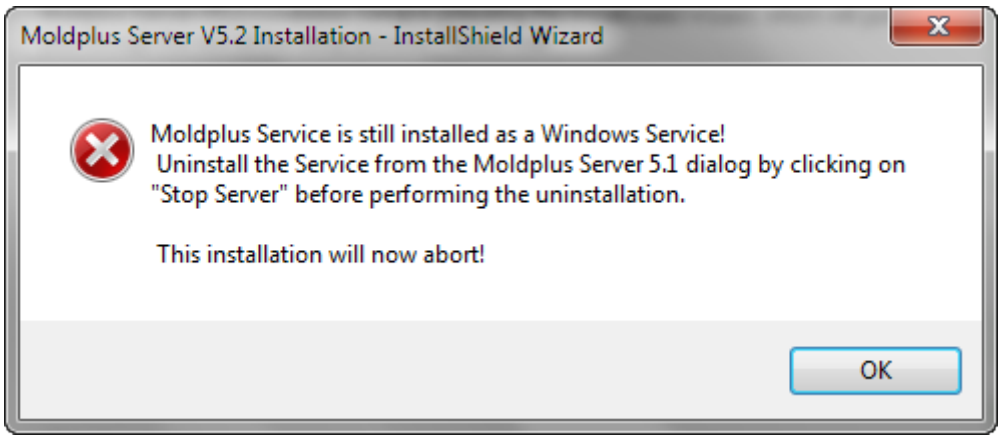
8. To stop the License Server, click on Stop Server. This will stop the license server and remove the Moldplus Service.



Un-installation

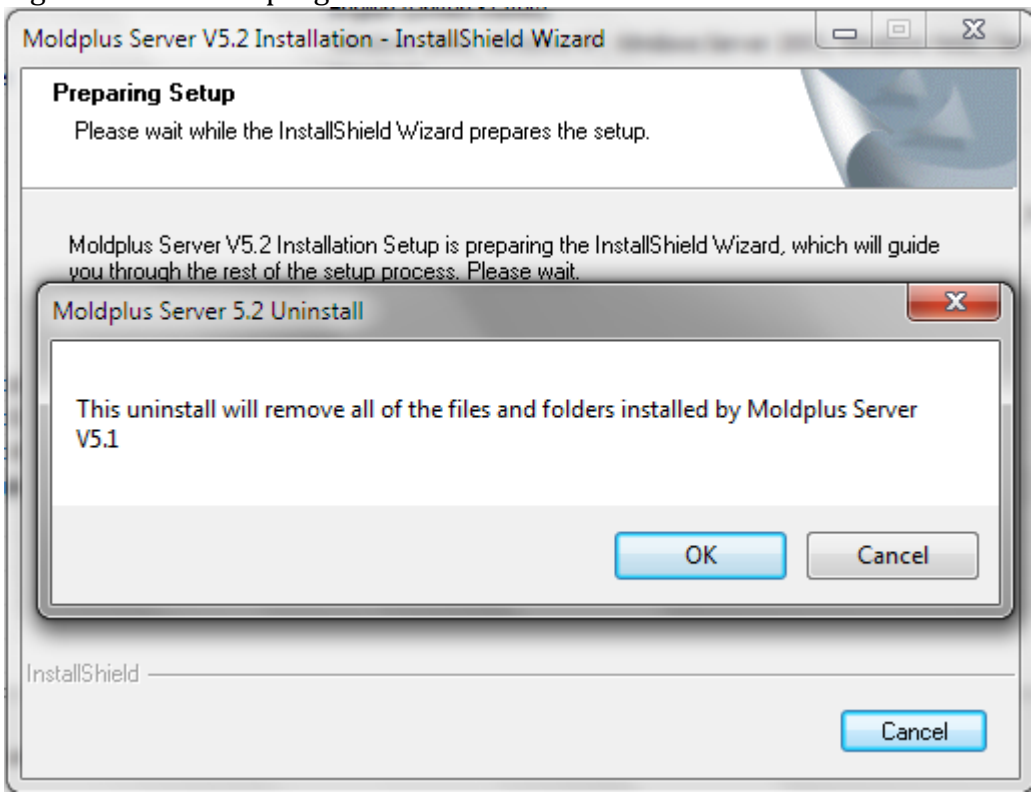
To uninstall Moldplus Server, launch the Moldplus Server installation program from the Control Panel, “Add or Remove Programs”. If it detects that an installed version exists on the system, it will provide the option to perform an uninstall.

Warning: If the Moldplus Service is still active or installed, upon launching the installation program the following message will be presented:

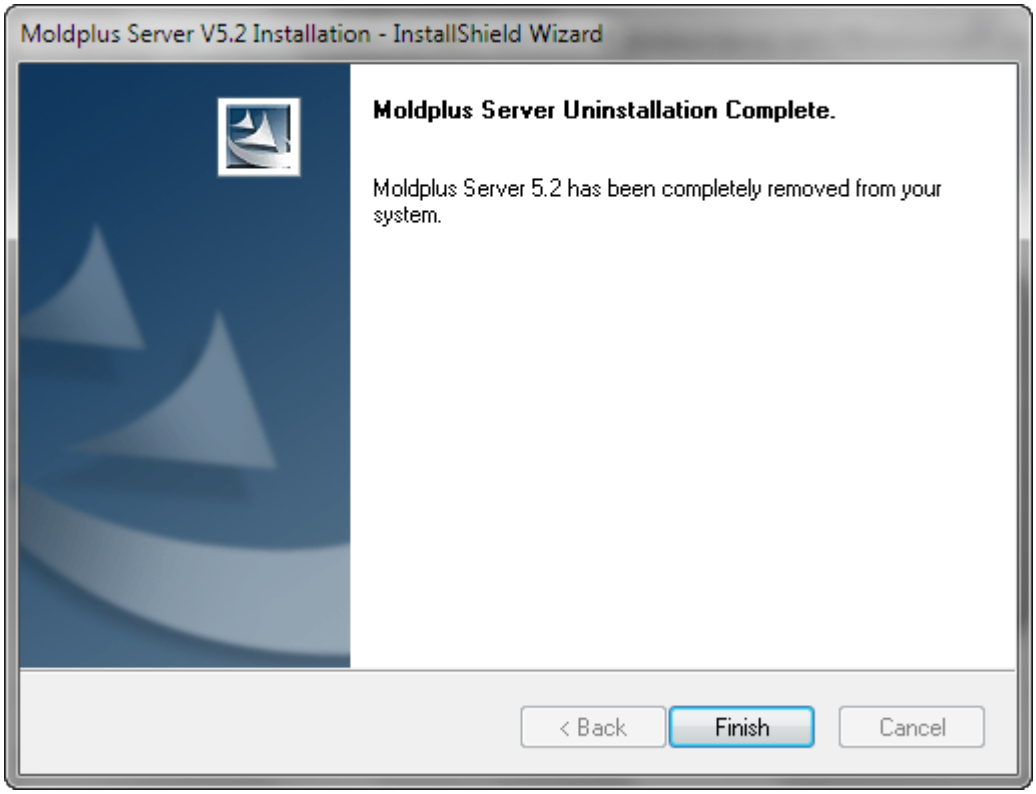

Moldplus Server V5.2 Installation - InstallShield Wizard
Moldplus Service is still installed as a Windows Service!
Uninstall the Service from the Moldplus Server 5.1 dialog by clicking on "Stop Server" before performing the uninstallation.
This installation will now abort!
OK

In the case of the above message, launch Moldplus Server Managerand click on Stop Server.

If Moldplus Service and Server were stopped, the following message is displayed upon launching the installation program.


Moldplus Server V5.2 Installation - InstallShield Wizard
Preparing Setup
Please wait while the InstallShield Wizard prepares the setup.
Moldplus Server V5.2 Installation Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
Moldplus Server 5.2 Uninstall
This uninstall will remove all of the files and folders installed by Moldplus Server V5.1
OK
Cancel
InstallShield
Cancel

When the program has been removed the following message is displayed.


Moldplus Server V5.2 Installation - InstallShield Wizard
Moldplus Server Uninstallation Complete.
Moldplus Server 5.2 has been completely removed from your system.
< Back
Finish
Cancel

NOTE: The XML license file, the LOG file and the INI files will not be removed upon uninstalling the product. They will still reside in the \Public Documents\Moldplus\Moldserv\ folder.

Client Computer License configuration

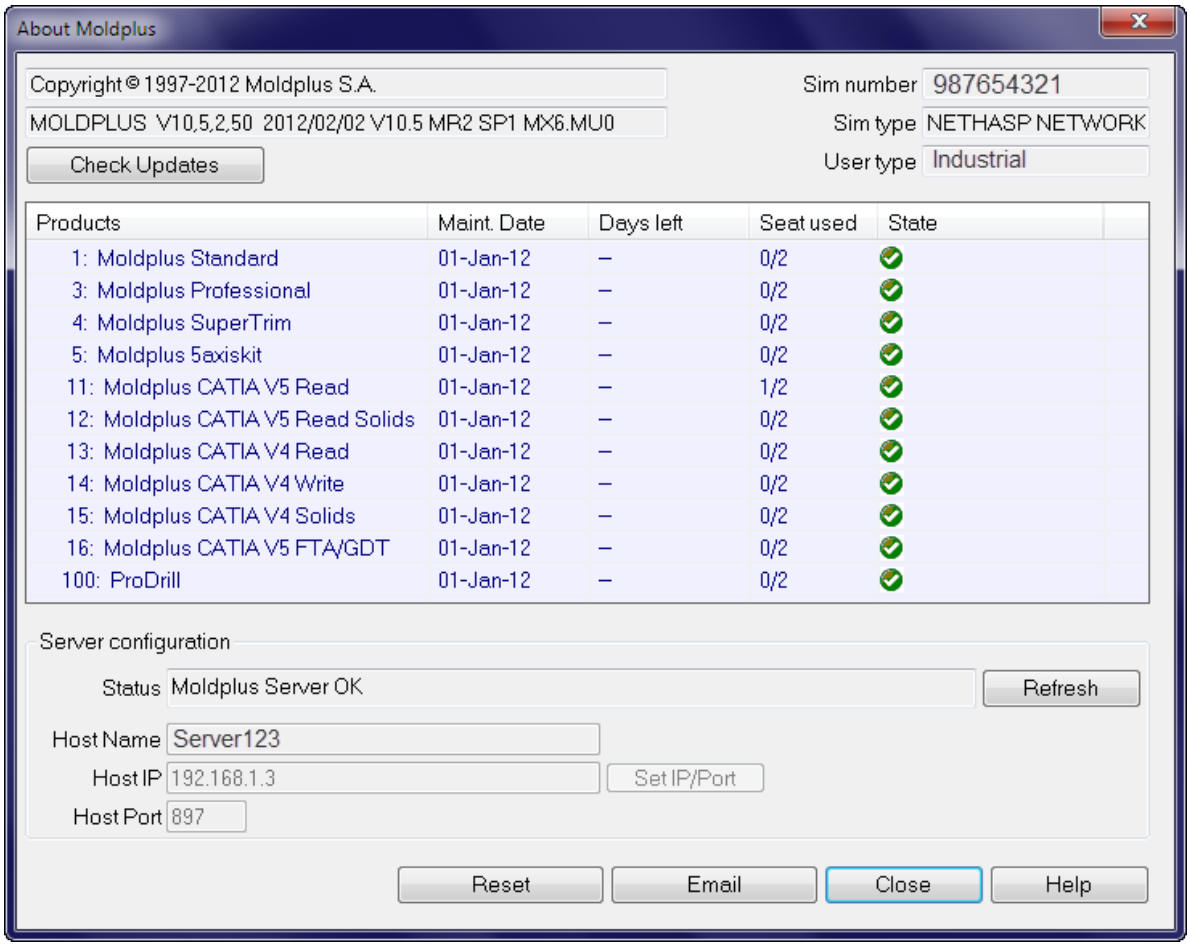
Products that run under Moldplus Server are configured in different ways. The common requirements for all of them however are the Server IP address and Server port number. The Server IP address is the IP address displayed on the Moldplus Server Manager. The following are the processes to configure the different Moldplus products.

Moldplus, Moldplus Professional, CATIA Translator and ProDrill V4 MR1 Software

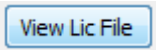
The latest versions of Moldplus and CATIA Translator will automatically detect the Moldplus Server and configure the IP and Port number. This data is stored in the c:\moldserv\moldserv.dat file.

Once the data is stored in the **C:\moldserv\moldserv.dat file**, you will be able to use Moldplus and the CATIA translator to the maximum licenses allowed.

NOTE: If this file does not exist on the system, create the c:\moldserv\ folder and then create the moldserv.dat file within that folder. That will ensure that the Moldplus Server is identified.



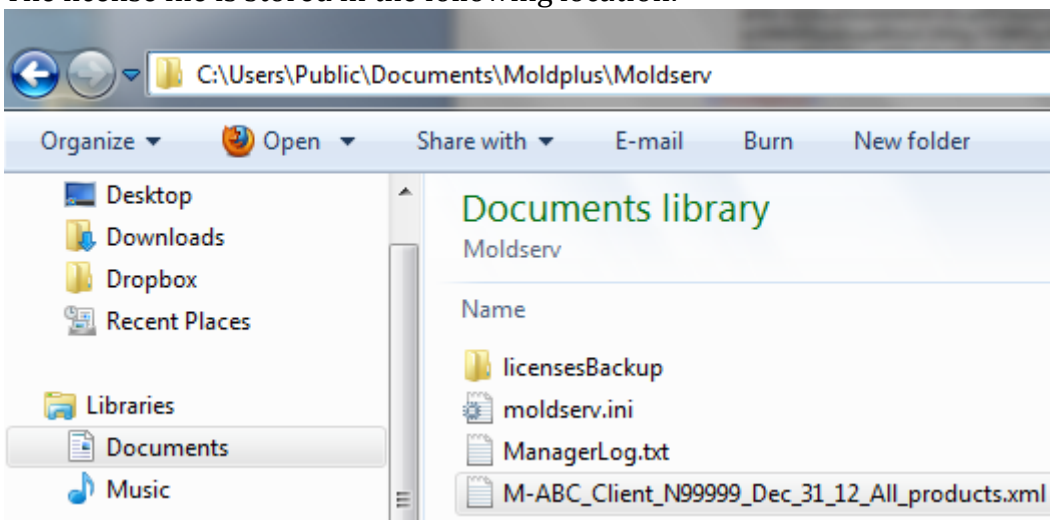
XML License File details

1. The 

button from the Moldplus Server dialog will display the XML license file using the default Internet Explorer found on your system. **Note that editing any of the XML file's contents OR changing the file name prefix from "M-" will result in an invalid license file!**

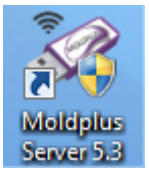
```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!--Use a standard compliant web browser to view this file -->
<!--This license file is generated by Moldplus SA for the products mentioned below -->
<!--Moldplus SA website: www.moldplus.com, email: info@moldplus.com -->
<!--This is an automatically generated file - do NOT edit -->
<!--All dates are specified with the following format: YMMDD -->
<moldplus>
  - <licences>
      <date>120503 5 A</date>
      <customer>ABC Client</customer>
      <customer-email/>
      <customer-address>USA</customer-address>
    - <nethasp>
      - <SIM Type="D" Number="987654321">
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus Standard" ProdID="1"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus Professional" ProdID="3"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus SuperTrim" ProdID="4"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus 5axiskit" ProdID="5"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus 5axiskit Professional" ProdID="6"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus STL Utilities" ProdID="7"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus CATIA V5 Read" ProdID="11"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus CATIA V5 Read Solids" ProdID="12"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus CATIA V4 Read" ProdID="13"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus CATIA V4 Write" ProdID="14"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus CATIA V4 Solids" ProdID="15"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus CATIA V5 FTA/GDT" ProdID="16"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="Moldplus CATIA V5 CGR" ProdID="17"/>
          <product MaintEndDate="121231" Mode="Maintenance" Seats="2" Name="ProDrill" ProdID="100"/>
        </SIM>
      </nethasp>
      <hasp> </hasp>
      <dealer>Moldplus SA</dealer>
  </licences>
  <signature> khazl5LKugk6M1vJmIIvmprd1KdSzELyxIEiNdWOk+QKvbJIWWH0t7wiEriFb4gD
      D1j/VgM1azDLAXFgnU9jI27RPeiSeCT797IBQhooHulEt4SvJSAy2lT5QP3y3U5A
```

The license file is stored in the following location:



Network Information

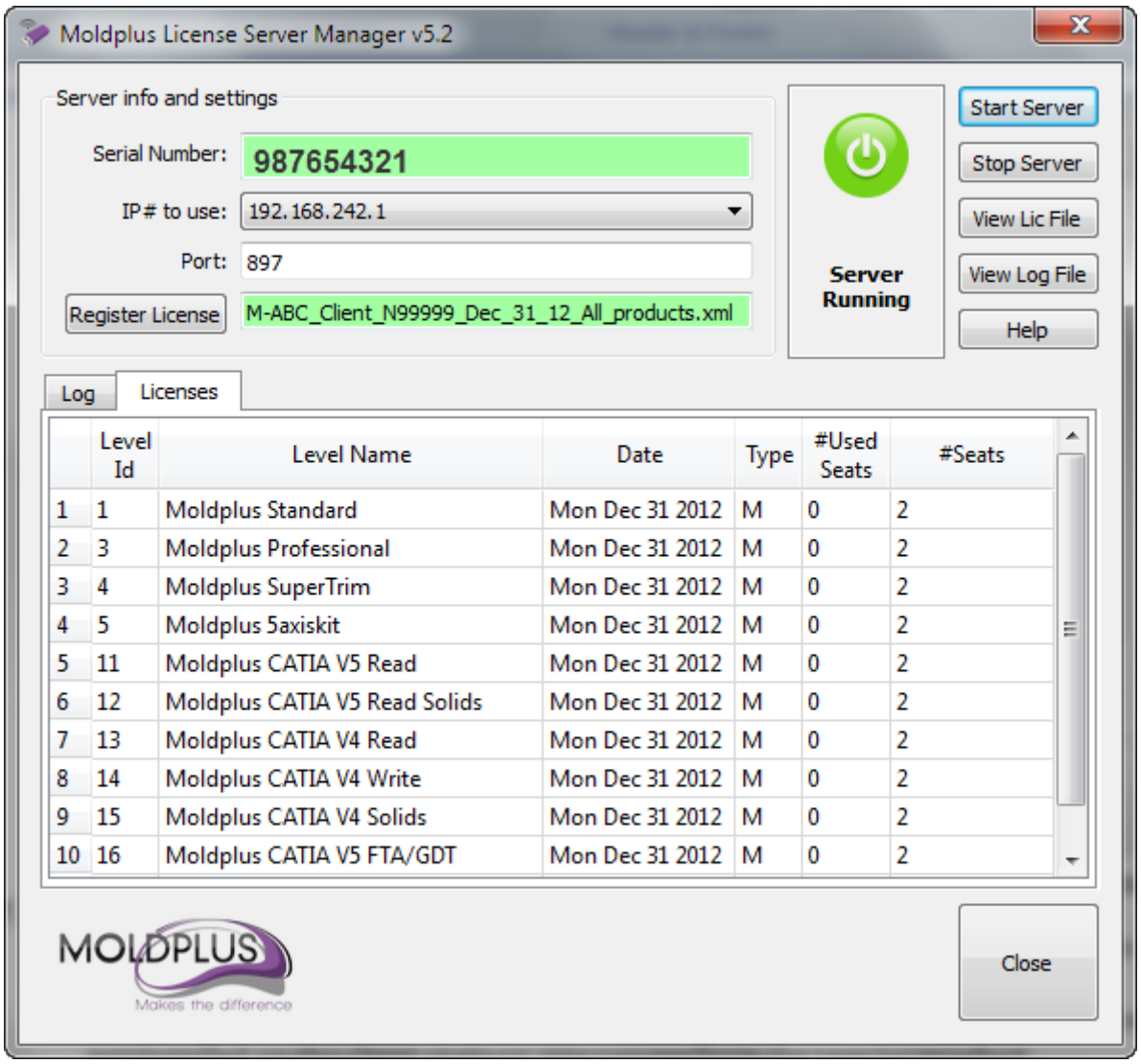
NOTE: The Moldplus license information will NOT be displayed when you run the NHASPX.EXE. The Moldplus Server is independent of the Mastercam SIM dialog information!

The following information will be presented only when you launch the 

from the Desktop or Programs folder.

The following details will explain all the options of the Moldplus Server 5.3 dialog.

1.1 Moldplus License Server Manager


Moldplus License Server Manager v5.2
Server info and settings
Serial Number:
987654321
IP# to use:
192.168.242.1
Port:
897
Register License
M-ABC_Client_N99999_Dec_31_12_All_products.xml
Server Running
Start Server
Stop Server
View Lic File
View Log File
Help
Log
Licenses
Level Id
Level Name
Date
Type
#Used Seats
#Seats
1 1 Moldplus Standard Mon Dec 31 2012 M 0 2
2 3 Moldplus Professional Mon Dec 31 2012 M 0 2
3 4 Moldplus SuperTrim Mon Dec 31 2012 M 0 2
4 5 Moldplus 5axiskit Mon Dec 31 2012 M 0 2
5 11 Moldplus CATIA V5 Read Mon Dec 31 2012 M 0 2
6 12 Moldplus CATIA V5 Read Solids Mon Dec 31 2012 M 0 2
7 13 Moldplus CATIA V4 Read Mon Dec 31 2012 M 0 2
8 14 Moldplus CATIA V4 Write Mon Dec 31 2012 M 0 2
9 15 Moldplus CATIA V4 Solids Mon Dec 31 2012 M 0 2
10 16 Moldplus CATIA V5 FTA/GDT Mon Dec 31 2012 M 0 2
MOLDPLUS
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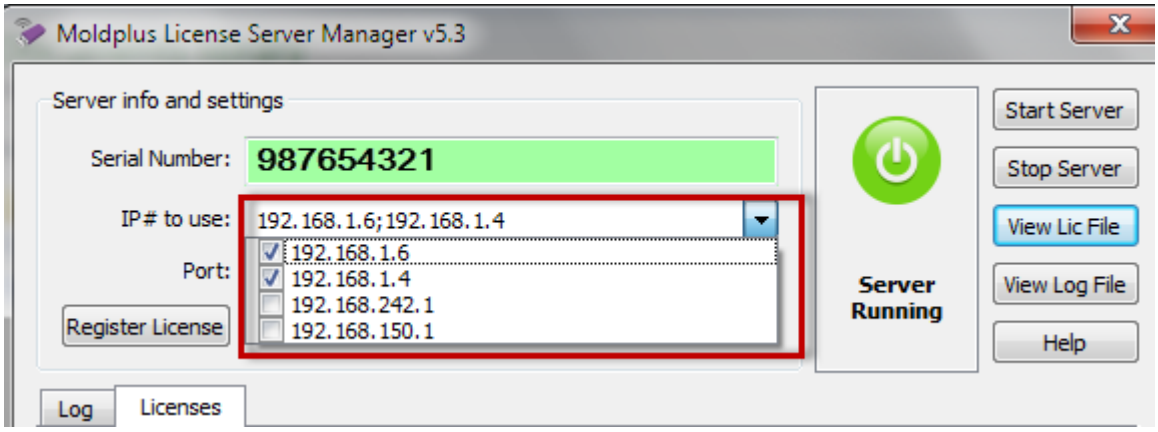
Serial Number:

The Mastercam Nethasp SIM number is displayed as the Serial Number. If a serial number of 0 is displayed, refer to the SIM not found section of this document to ensure that Moldplus Server can access the Mastercam SIM.

IP# to use:

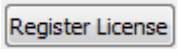
The Moldplus Server functions properly by the use of one or multiple **IP address** (pre-assigned or user-configured). *If there is more than 1 IP address on the system, you will be allowed to check the relevant IP addresses to use with Moldplus Server*. The IP address is the same as the one used by the Hasp License Manager. The IP addresses that are checked are displayed in the field.



Hint: Multiple IP Addresses are useful when you use an IP address to access the Server from the office and a different IP address from a remote location. By having both IP addresses checked, you can access the Server from either location.

Port:

The communication of the license is effected by the UDP ports, which are defined by default for each machine (server: 897). You can modify the UDP ports if there are conflicts with another application.



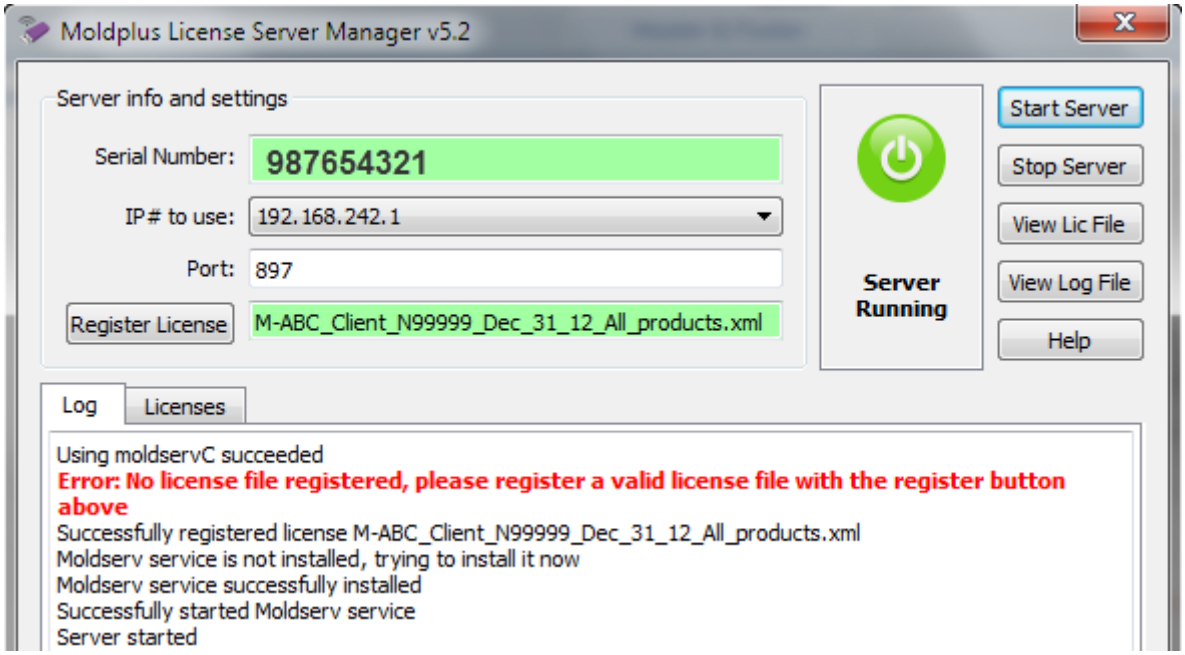
Allows you to select the Moldplus Server XML license file to register the licenses. **You have to use this button to properly register the XML license file!** This file is provided by your Mastercam reseller to configure all your Moldplus product licenses.

WARNING:

1. **Editing any of the XML file's contents OR changing the file name prefix from "M-" will result in an invalid license file!**

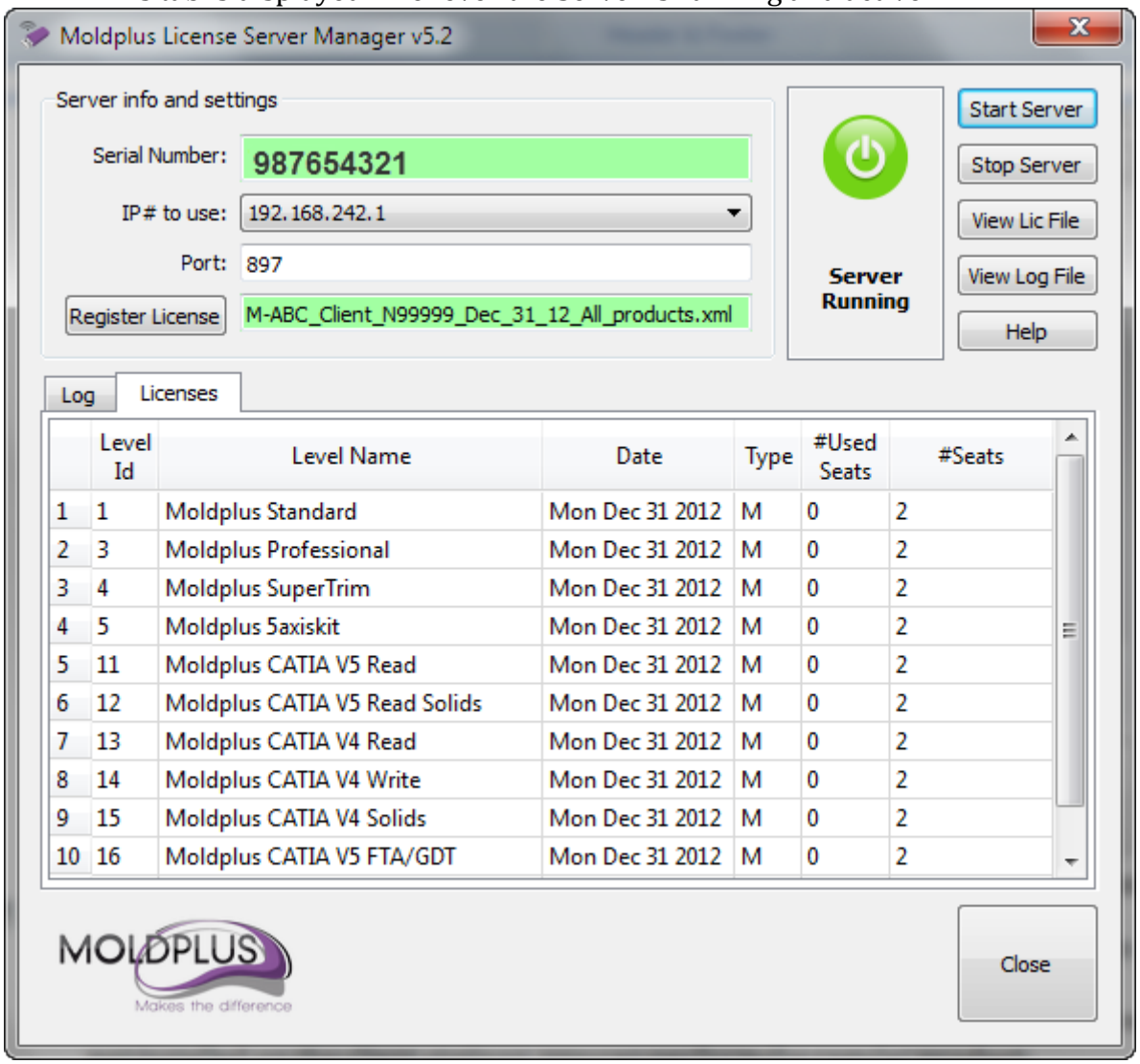
Log Display:

Displays the Server event log. This file is stored in the same folder as the license file.



Licenses Display:

This tab is displayed whenever the Server is running and active.


Moldplus License Server Manager v5.2
Server info and settings
Serial Number: 987654321
IP# to use: 192.168.242.1
Port: 897
Register License
M-ABC_Client_N99999_Dec_31_12_All_products.xml
Server Running
Start Server
Stop Server
View Lic File
View Log File
Help
Log
Licenses
Level Id | Level Name | Date | Type | #Used Seats | #Seats
1 | 1 | Moldplus Standard | Mon Dec 31 2012 | M | 0 | 2
2 | 3 | Moldplus Professional | Mon Dec 31 2012 | M | 0 | 2
3 | 4 | Moldplus SuperTrim | Mon Dec 31 2012 | M | 0 | 2
4 | 5 | Moldplus 5axiskit | Mon Dec 31 2012 | M | 0 | 2
5 | 11 | Moldplus CATIA V5 Read | Mon Dec 31 2012 | M | 0 | 2
6 | 12 | Moldplus CATIA V5 Read Solids | Mon Dec 31 2012 | M | 0 | 2
7 | 13 | Moldplus CATIA V4 Read | Mon Dec 31 2012 | M | 0 | 2
8 | 14 | Moldplus CATIA V4 Write | Mon Dec 31 2012 | M | 0 | 2
9 | 15 | Moldplus CATIA V4 Solids | Mon Dec 31 2012 | M | 0 | 2
10 | 16 | Moldplus CATIA V5 FTA/GDT | Mon Dec 31 2012 | M | 0 | 2
MOLDPLUS
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Numbers

A number count of the different Moldplus products licensed.

Level Id

Moldplus product reference ID number.

Level Name

The name of any Moldplus or other 3rd party product that is licensed and controlled using the Moldplus Server.

Date

This date indicates the maintenance expiration date for any given Moldplus product. **As long as the maintenance date has not expired, the client can always use the latest releases and versions provided by Moldplus SA**. If the date has expired, only functionality prior to the Maintenance expiry date will be active within a 12 month period. Moldplus temporary licenses are also displayed in the same field.

Type

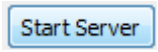
Type of code, either **M**aintenance, **T**emporary or **E**ducational .

#Used Seats

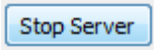
The number of licenses of the listed products that are **actively** being used by a client at any given time.

#Seats

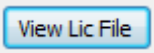
The total number of **registered** licenses for the listed product.



This button installs the Moldplus Service and launches the Moldplus Server licenses for immediate use of the product.

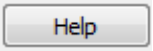


This button will stop the Moldplus Server AND remove the Moldplus Windows Service.

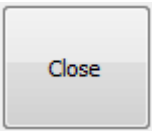


This button allows you to view the provided XML license using the default Internet browser.

View the Log history for the Moldplus Server using Windows notepad.



Open this PDF help document.



This button will close the Moldplus Server Manager dialog. **Closing this dialog will not stop the licenses from running if they are active.**

1.2 Moldplus Licenses Operation

Normally, when the number of Moldplus users arrives at the maximum number permitted by the license all new requests to use Moldplus will be refused until one person stops using Moldplus.

Each time a Moldplus license is open on one machine it is counted as another floating license being used.

Upon correctly leaving a Moldplus Level, a license for this level is immediately and automatically released.

If the user is required to leave Moldplus due to a fatal error the license will be released after a minimum of 60 seconds.

1.3 Moldplus Temporary Licenses

Temporary licenses to try Moldplus products are normally provided for a period of 30 days.

Trouble-shooting

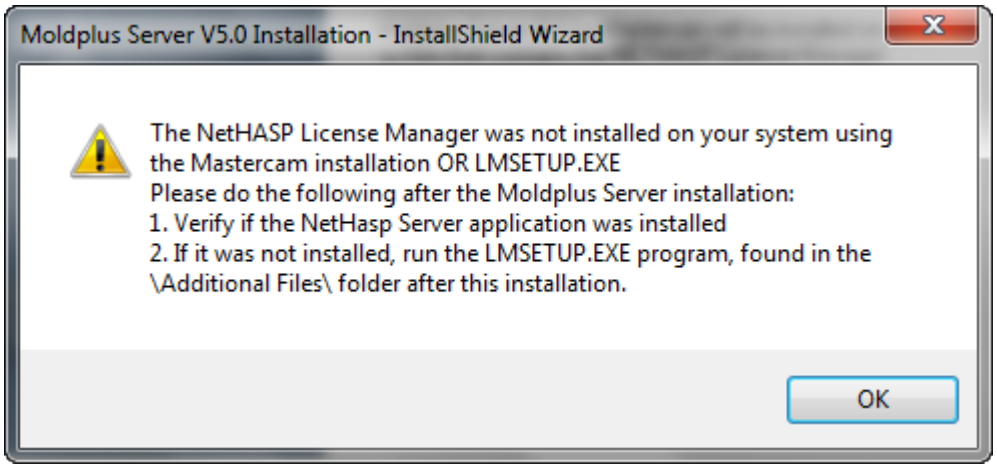
The following section refers to the installation issues and how to verify the proper settings and configuration.

For Windows Server editions, please check the configuration section above.

The basic checks are: Firewall, Windows DEP settings and Antivirus software to ensure that the Moldplus Server properly launches.

2.1 NetHasp License Manager not installed

Problem:

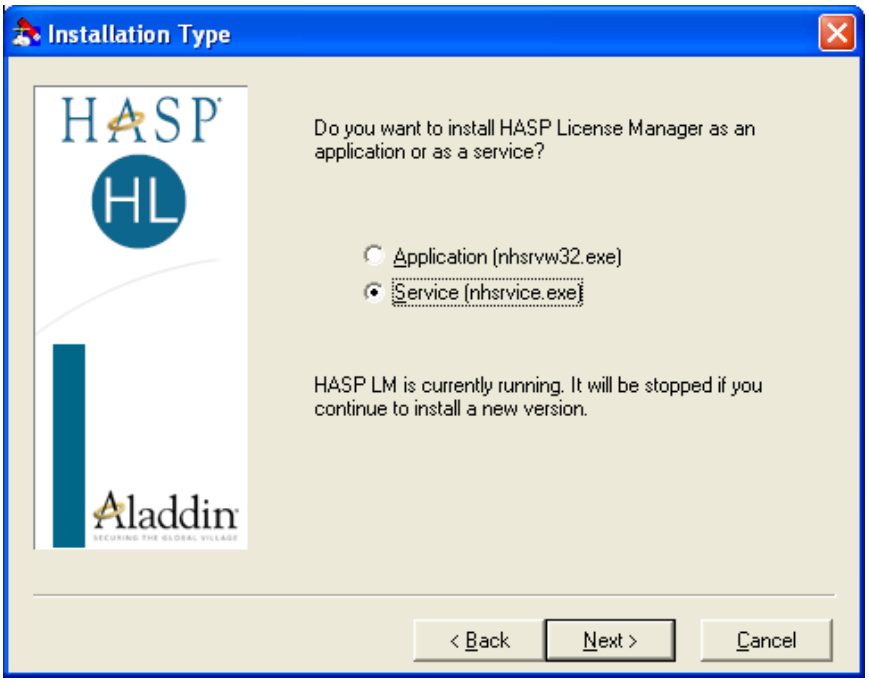

Moldplus Server V5.0 Installation - InstallShield Wizard
The NetHASP License Manager was not installed on your system using the Mastercam installation OR LMSETUP.EXE
Please do the following after the Moldplus Server installation:
1. Verify if the NetHasp Server application was installed
2. If it was not installed, run the LMSETUP.EXE program, found in the \Additional Files\ folder after this installation.
OK

If you got this message during the Moldplus Server installation, then you have not performed the NetHasp License Manager Installation.

Solution:

Run the **LMSETUP.EXE** file, found in the **\Aladdin\HASP LM\Additional Files** folder. This will launch the NetHasp License Manager installation, install the necessary files and configure the NetHasp License Manager to run on your system.

To set it as a **Service**, ensure that you select the following option while performing this installation:


Installation Type
HASP
HL
Aladdin
Do you want to install HASP License Manager as an application or as a service?
Application (nhsrvw32.exe)
Service (nhsrvice.exe)
HASP LM is currently running. It will be stopped if you continue to install a new version.
< Back
Next >
Cancel

This is critical to launch the Moldplus Server. If this is not running on your system, Moldplus Server will give errors.

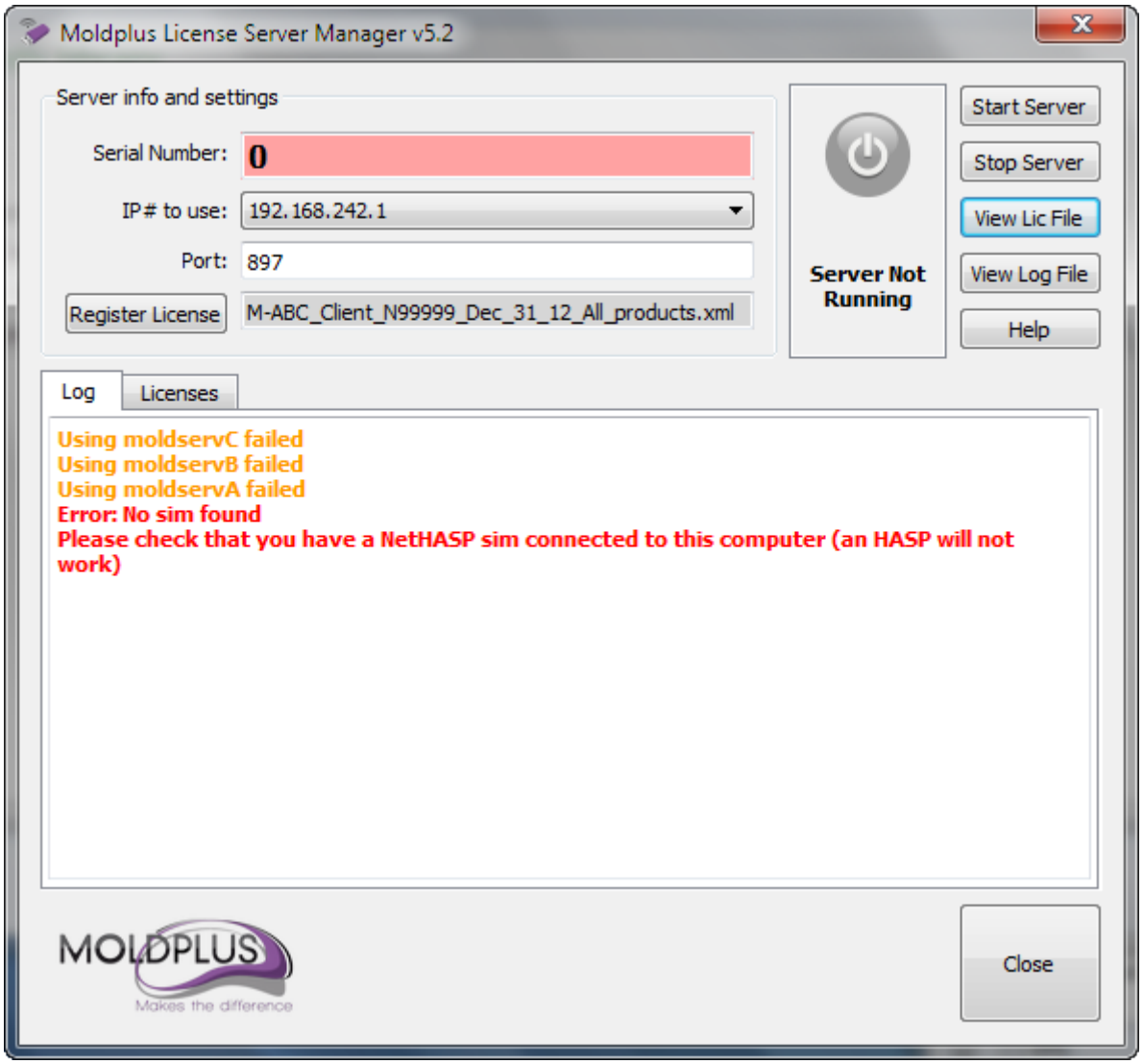
2.2 Moldplus Server launch issues

2.2.1 Nethasp SIM number not displayed

Ensure that the NetHASP SIM is connected to the computer and the NetHasp License Manager is installed and running. Normally, the NetHasp License Manager will launch upon startup before the Moldplus Server. If it is running, you will see a minimized icon on the right hand side of the toolbar, close to your time display as follows:

WARNING: Configuring the **Moldplus Server should NOT BE PERFORMED USING A REMOTE DESKTOP CONNECTION.** It should be configured **directly on the system** that is being installed on **OR through a REMOTE CONSOLE** connection. A Remote Console connection simulates a physical presence at the remote computer/server.

Problem:
If the SIM is not identified, the following message will be displayed with a list of possible solutions. This is the main error displayed for any of the described problems below:



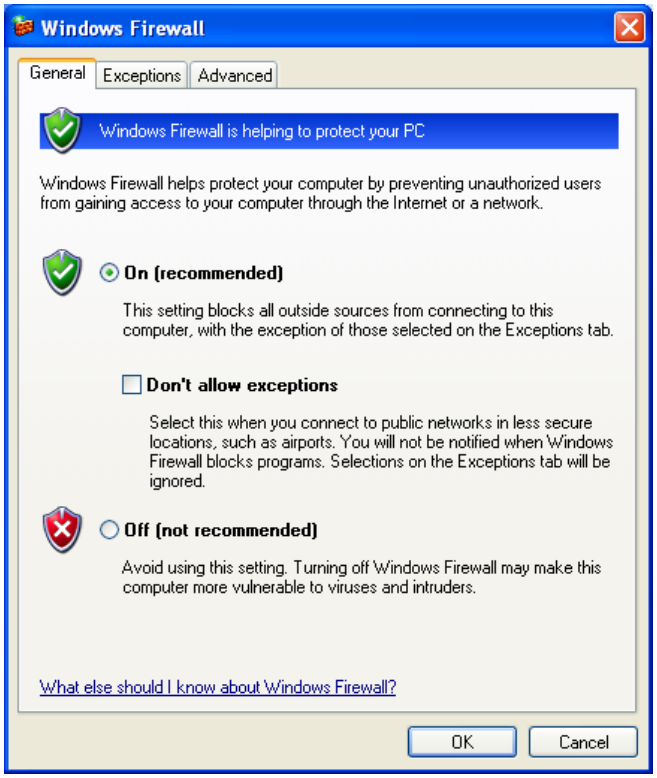
The Moldplus Server Manager will most likely display a SIM number of 0 and/or display an incorrect SIM number.

If you do not see the NetHasp SIM number displayed when you either start the computer or launch Moldplus Server, check the following:

Problem: Windows Firewall Issue
Windows Firewall does not have the NetHasp License Manager and Moldplus Service and executable in the Firewall Exceptions.

Solution:
Verify the Windows Firewall (or other equivalent Firewall software) to ensure that the 3 products are added to the Exceptions list or given permission to access the Network.
Go to **Control Panel**, **Windows Firewall**:

This is the main Firewall window that indicates that the status of the Firewall. In this case, it is active/ on:


Windows Firewall
General
Exceptions
Advanced
Windows Firewall is helping to protect your PC
Windows Firewall helps protect your computer by preventing unauthorized users from gaining access to your computer through the Internet or a network.
On (recommended)
This setting blocks all outside sources from connecting to this computer, with the exception of those selected on the Exceptions tab.
Don't allow exceptions
Select this when you connect to public networks in less secure locations, such as airports. You will not be notified when Windows Firewall blocks programs. Selections on the Exceptions tab will be ignored.
Off (not recommended)
Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders.
What else should I know about Windows Firewall?
OK
Cancel

Click on the **Exceptions** tab and ensure that the following are included in the Firewall Exceptions list:

C:\WINDOWS\SYSTEM32\NHSRVICE.EXE
C:\Program Files\Aladdin\HASP LM\Moldplus Server \MOLDSERVMANAGER.EXE
C:\Program Files\Aladdin\HASP LM\ Moldplus Server \MOLDSERVSERVICE.EXE
C:\Program Files\Aladdin\HASP LM\Moldplus Server \MOLDSERVDIAGTOOL.EXE

Adding the 3 files to the EXCEPTIONS list will ensure that these products have access to the network.

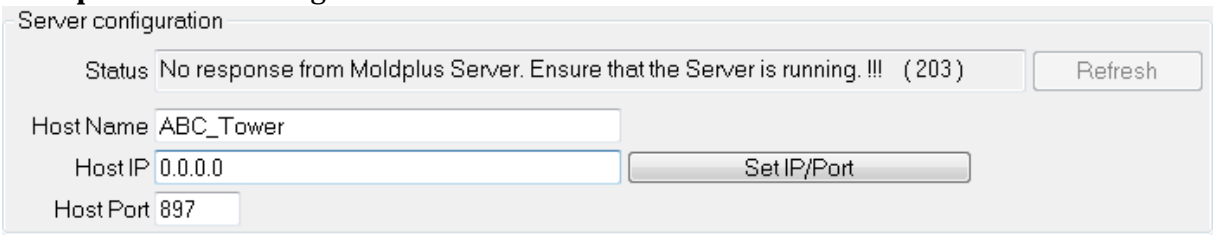
WARNING: The NetHASP SIM must be identified by the NHASPX.exe when you check it as NetHasp, Local! To ensure this behaviour, make sure you login with full administrative privileges and be physically present at the server!

2.3 Moldplus Client Launch Issues

2.3.1 Moldplus Floating License Message

Problem:
Upon launching Mastercam, if you get this error message when you launch a Moldplus product, there is good chance that Moldplus Server is not running OR your Workstation does not have access to through the Firewall.

Moldplus error message:

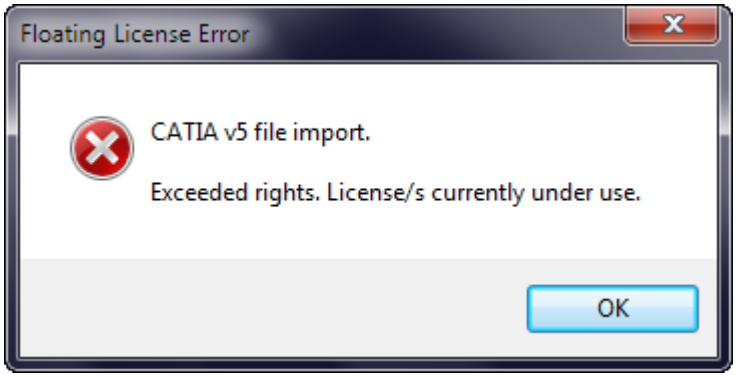


Solution:

1. Ensure that Moldplus Server is running on the Server and that the licenses are active.
2. The correct Server name, IP address and UDP are defined in the dialog above. If you are prompted for the Server name, IP address and Server port number, enter the IP address and Port number that is displayed on the Moldplus Server Manager window.
3. Ensure that Mastercam.exe and any other Moldplus application that needs access to the network to verify the licenses have access through the Firewall!

2.3.2 Exceeded Rights Message

Problem:



Solution:

If you get this error message, it means that you are running the maximum number of licenses available for use. Please verify and make sure that idle licenses are freed up, before attempting to launch Moldplus again.

Conclusion

We hope you found this document useful to help configure Moldplus Server 5.3 seamlessly and with minimal effort.

Questions or feedback, please email support@moldplus.com

Moldplus Server is developed with open source software. Licenses for all open source software components are available in the file "*Open Source Software Licenses.docx*" which is provided with this installation.

Thank you

Moldplus SA
Revision date: August 26, 2012